Chapter 8
References

8.0 REFERENCES

AHD (American Hospital Directory), 2020, Individual Hospital Statistics by State (accessed September 2020 at https://www.ahd.com/state_statistics.html).

Aiken County Planning Commission, 2013, Aiken County Land Management Regulations (accessed January 15, 2020 at www.aikencountysc.gov/Reference/LMO/LMR2013-06-01.pdf), June 1.

Anderson County, 2015, Zoning Resolution of Anderson County, Tennessee, Section 045-107: Noise, Amended July 20, 2015 (accessed on January 27, 2020 at www.anderson-county.com/wp-content/uploads/2015/05/Revised-Anderson-County-Zoning-Resolution.pdf).

Anderson, S. R., M. J. Liszewski, and D. J. Ackerman, 1996, *Thickness of Surficial Sediment at and near the Idaho National Engineering Laboratory, Idaho*, DOE/ID-22128, U.S. Geological Survey Open-File Report 96-330, Idaho Falls, ID, June.

ARC (Augusta-Richmond County Planning Commission), 2008, *Augusta-Richmond County Comprehensive Plan*, Augusta, Georgia, October 6.

ATSDR (Agency for Toxic Substances and Disease Registry), 2007, *Public Health Assessment for Evaluation of Off-Site Groundwater and Surface Water Contamination at the Savannah River Site (USDOE)*, EPA Facility ID: SC1890008989, Atlanta, Georgia, December 17.

AZR (American Zinc Recycling Corp), 2020a, Facilities, Pittsburgh, Pennsylvania.

AZR (American Zinc Recycling Corp), 2020b, Barnwell South Carolina Facility.

BEA (Bureau of Economic Analysis), 2019a, Local Area Personal Income, Per Capita Personal Income by County and State 2018 (available at https://www.bea.gov/system/files/2019-11/lapi1119.pdf).

BEA (Bureau of Economic Analysis), 2019b, Local Area Personal Income 2010, Initially published April 25, 2012 (accessed 2019 at https://apps.bea.gov/regional/histdata/releases/0412lapi/index.cfm).

BJWSA (Beaufort-Jasper Water and Sewer Authority), 2019, Water Quality Report (accessed January 16, 2020 at www.bjwsa.org/wp-content/uploads/2019/07/2019-CCR-for-website.pdf), Okatie, South Carolina.

BLM (Bureau of Land Management), 1986, *Visual Resource Contrast Rating*, Manual 8431, VRM Class Objectives, Washington, DC, January 17.

Bloomberg, 2019, Georgia Power's new Vogtle units approximately 79% complete (available at www.bloomberg.com/press-releases/2019-08-30/georgia-power-s-new-vogtle-units-approximately-79-complete), Atlanta, Georgia, August 30.

BLS (Bureau of Labor Statistics), 2018a, Injuries, Illnesses, and Fatalities (accessed February 28, 2020 at www.bls.gov/iif/oshsum.htm#17Quartile).

BLS (Bureau of Labor Statistics), 2018b, Census of Fatal Occupational Injuries (CFOI) - Current and Revised Data, File BLS2018 cfoi_rates_2018hb (accessed February 2020 at www.bls.gov/iif/oshcfoi1.htm#rates).

BLS (Bureau of Labor Statistics), 2020a, Local Area Unemployment Statistics, County Data, Labor Force Data by County, 2010 and 2018, Annual Averages (accessed August 2020 at https://www.bls.gov/lau/ #cntyaa).

BLS (Bureau of Labor Statistics), 2020b, BLS State Unemployment (Annual) News Release (Archived data) for 2018, Economic News Release dated February 28, 2019 (accessed August 2020 at www.bls.gov/news.release/archives/srgune_02282019.pdf or www.bls.gov/bls/news-release/home.htm #SRGUNE).

BLS (Bureau of Labor Statistics), 2020c, BLS State Unemployment (Annual) News Release (Archived data) for 2010, Release data of February 25, 2011 (accessed August 2020 at www.bls.gov/news.release/archives/srgune_02252011.pdf).

BLS (Bureau of Labor Statistics), 2020d, Occupational Employment Statistics, May 2019 Occupational Employment and Wage Estimates (accessed March 2020 at https://www.bls.gov/oes/current/ oes_id.htm#47-0000), Idaho.

BMPC (Bechtel Marine Propulsion Corporation), 2011, Naval Reactors Facility Environmental Summary Report.

Boise State University, 2010, Department of Economics, Research Details Positive Economic Impacts from Idaho National Laboratory Operations (accessed 2019 at www.boisestate.edu/cobe-economics/2010/12/09/research-details-positive-economic-impacts-from-idaho-national-laboratory-operations/), December 9.

Bolt, Beranek, and Newman, 1971, Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances, Prepared for the U.S. Environmental Protection Agency, Office of Noise Abatement and Control, Washington, DC, December 31.

BRC (Breeder Reactor Corporation), 1985, *Final Report, The Clinch River Breeder Reactor Plant Project,* Oak Ridge, Tennessee, January.

Bumgardner, J., 2019, VTR Program Manager, Idaho National Laboratory, Versatile Test Reactor Overview Presentation, Idaho Falls, Idaho, May 13.

California Air Resources Board, 2018, Speciation Profiles Used in ARB Modeling (available at https://ww3.arb.ca.gov/ei/speciate/speciate.htm).

CDC (Centers for Disease Control and Prevention), 2019, *Deaths: Final Death for 2017*, National Vital Statistics Reports, Vol. 68, No. 9, U.S. Department Of Health And Human Services, Centers for Disease Control and Prevention, National Center for Health Statistic, National Vital Statistics System (available at *www.cdc.gov/nchs/products/index.htm*), June 24.

Census (U.S. Census Bureau), 2010a, QuickFacts, Population, Housing Units, Area, and Density: 2010 – Bingham County, Idaho (accessed September 18, 2018 at www.census.gov/quickfacts/fact/table/ binghamcountyidaho/POP060210#POP060210).

Census (U.S. Census Bureau), 2010b, QuickFacts, Population per Square Mile, 2010 – Aiken County, South Carolina (accessed January 15, 2020 at www.census.gov/quickfacts/fact/table/ aikencountysouthcarolina/POP060210).

Census (U.S. Census Bureau), 2010c, QuickFacts, Population per Square Mile, 2010 – Burke County, Georgia (accessed January 15, 2020 at www.census.gov/quickfacts/fact/table/burkecountygeorgia/ POP060210).

Census (U.S. Census Bureau), 2010d, QuickFacts, Barnwell County, South Carolina (accessed June 2, 2020 at https://www.census.gov/quickfacts/fact/table/barnwellcountysouthcarolina/PST040219).

Census (U.S. Census Bureau), 2011, Population Distribution and Change: 2000 to 2010, 2010 Census Briefs (available at https://www.census.gov/prod/cen2010/briefs/c2010br-01.pdf), March.

Census (U.S. Census Bureau), 2016, How the Census Bureau Measures Poverty, Last Revised May 12, 2016 (accessed August 2020 at www.census.gov/topics/income-poverty/poverty/about.html).

Census (U.S. Census Bureau), 2017a, "Table B03002: Hispanic or Latino Origin By Race 2013-2017 American Community Survey 5-year Estimates," Online Database (accessed on January 22, 2020 at https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml).

Census (U.S. Census Bureau), 2017b, "Table C17002: Ratio of Income to Poverty Level in the Past 12 Months 2013-2017 American Community Survey 5-year Estimates," Online Database (accessed on March 25, 2020 at https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml).

Census (U.S. Census Bureau), 2017c, ACS 5-Year Data Profile 2017, 2013-2017, Housing Characteristics (accessed September 2020 at www.census.gov/acs/www/data/data-tables-and-tools/data-profiles/2017/.Census (U.S. Census Bureau), 2018, ACS Demographic and Housing Estimates 2018 (accessed August 2020 at https://data.census.gov/cedsci/?q=tennessee).

Census (U.S. Census Bureau), 2018, ACS Demographic and Housing Estimates 2018 (accessed August 2020 at https://data.census.gov/cedsci/?q=tennessee).

Census (U.S. Census Bureau), 2019a, Population Estimates July 1, 2018, QuickFacts (accessed 2019), Washington, DC.

Census (U.S. Census Bureau), 2019b, TIGER/Lines Geodatabase for Roads in Anderson and Roane Counties in Tennessee (accessed April 27, 2020 at www.census.gov/geographies/mapping-files/time-series/geo/tiger-geodatabase-file.html).

Census (U.S. Census Bureau), 2020a, Population: Census April 1, 2010, QuickFacts (accessed March 2020 at www.census.gov/quickfacts/fact/table/US/PST045219), Washington DC.

Census (U.S. Census Bureau), 2020b, Total population 2000: DEC Summary File 1, Table ID P001 (accessed March 2020 at https://data.census.gov/cedsci/?q=population%20in%202000%20by%20county).

Census (U.S. Census Bureau), 2020c, American Community Survey, Population by Age, 2018 1-Year ACS Supplemental Estimates, Supplemental Tables, Table K200104 (accessed September 2020 at www.census.gov/acs/www/data/data-tables-and-tools/supplemental-tables/).

Census (U.S. Census Bureau), 2020d, ACS 5-Year Data Profile 2018, 2014-2018, Demographic Characteristics (Population by Sex and Age) (accessed September 2020 at www.census.gov/acs/www/data/data-tables-and-tools/data-profiles/2018/).

Centrus (Centrus Energy Corporation), 2020, Oak Ridge, Tennessee Enrichment Technology Development Engineering and Advanced Manufacturing Facility (accessed February 10, 2020 at www.centrusenergy.com/ contact/location-page-tennessee/).

CEQ (Council on Environmental Quality), 1997, *Environmental Justice Guidance Under the National Environmental Policy Act*, Executive Office of the President, Washington, DC, December 10.

City of Hardeeville, 2009, *City of Hardeeville Comprehensive Plan 2009 Update*, Draft, South Carolina, September 4.

City of Oak Ridge, 2019, *City of Oak Ridge, Tennessee, Proposed Budget Fiscal Year 2019* (accessed August 2020 at www.oakridgetn.gov/images/uploads/Documents/Departments/Finance%20Department/Budget/2019/Proposed%20FY2019%20Budget.pdf).

Countess Environmental, 2006, WRAP Fugitive Dust Handbook, Prepared for the Western Governors' Association, Table 3-7 for water application every 2.1 hours.

Cowardin, L. M., V. Carter, F. C. Golet, and E. T. LaRoe, 1979, *Classification of Wetlands and Deepwater Habitats of the United States*, FWS/OBS-79/31, U.S. Department of the Interior, Fish and Wildlife Service, Washington, DC, December.

Crawford, D., 2019, VTR Fuel Cycle Manager/MFC Chief Scientist, Idaho National Laboratory, VTR Fuel Cycle Update, Idaho Falls, Idaho, June 6. **OUO**

Crocker, B., 2017, U.T. Network, Editor, "Oak Ridge National Laboratory could face massive layoffs under Trump budget request," *knoxnews.com* (accessed October 16, 2019 at www.knoxnews.com/story/news/2017/06/29/senate-house-push-back-trump-budget-request-which-would-trigger-mass-ornl-layoffs/440984001/), June 29.

CROET (Community Reuse Organization of East Tennessee), 2007, *The Global Nuclear Energy Partnership, Site Characterization Report for the Oak Ridge Reservation Melton Valley Site*, prepared for U.S. Department of Energy, Oak Ridge, Tennessee, May.

De Grey, L. and P. Link, 2020, Snake River Plain Aquifer, Digital Atlas of Idaho (accessed May 7, 2020 at http://geology.isu.edu/Digital_Geology_Idaho/Module15/mod15.htm).

Denham M. E., 1999, *SRS Geology/Hydrogeology Environmental Information Document*, WSRC-TR-95-O046, Aiken, South Carolina, June.

DNFSB (Defense Nuclear Facilities Safety Board), 2020, Memorandum to C. J. Roscetti, Technical Director from T. L. Hunt, Cognizant Engineer, Re: March 2020 Earthquake, April 3.

DOC (U.S. Department of Commerce), 2008, *Local Employment Dynamics, On the Map Version 2*, Bureau of the Census, Center for Economic Studies (assessed July 17, 2008 at http://lehdmap2.did.census.gov/themap/), July 17.

DOE (U.S. Department of Energy), 1982, *Final Environmental Impact Statement, Liquid Metal Fast Breeder Reactor Program (Supplement to ERDA 1535, December 1975)*, DOE/EIS-0085-FS, Washington, DC, May.

DOE (U.S. Department of Energy), 1994, *Final Supplemental Environmental Impact Statement, Defense Waste Processing Facility, Savannah River Site, Aiken, South Carolina*, DOE/EIS-0082-S, Savannah River Operations Office, Aiken, South Carolina, November.

DOE (U.S. Department of Energy), 1995, *Department of Energy Programmatic Spent Nuclear Fuel Management and Idaho National Engineering Laboratory Environmental Restoration and Waste Management Programs Final Environmental Impact Statement*, DOE/EIS-0203-F, Idaho Operations Office, Idaho Falls, Idaho, April.

DOE (U.S. Department of Energy), 1996a, *Environmental Assessment for the Management of Spent Nuclear Fuel on the Oak Ridge Reservation Oak Ridge, Tennessee,* DOE/EA-1117, February.

DOE (U.S. Department of Energy), 1996b, *Finding of No Significant Impact Management of Spent Nuclear Fuel on the Oak Ridge Reservation Oak Ridge, Tennessee,* DOE/EA-1117, February.

DOE (U.S. Department of Energy), 1996c, *Storage and Disposition of Weapons-Usable Fissile Materials Final Programmatic Environmental Impact Statement*, DOE/EIS-0229, Office of Fissile Materials Disposition, Washington, DC, December.

DOE (U.S. Department of Energy), 1997a, *Final Waste Management Programmatic Environmental Impact Statement for Managing, Treatment, Storage, and Disposal of Radioactive and Hazardous Waste*, DOE/EIS-0200, Vol. 1, Office of Environmental Management, Washington, DC, May.

DOE (U.S. Department of Energy), 1997b, *Waste Isolation Pilot Plant Disposal Phase Final Supplemental Environmental Impact Statement*, DOE/EIS-0026-S-2, Carlsbad, New Mexico, September.

DOE (U.S. Department of Energy), 1997c, *Final Environmental Assessment for Lease of Land and Facilities within the East Tennessee Technology Park, Oak Ridge, Tennessee*, DOE/EA-1175, Oak Ridge, Tennessee, November.

DOE (U.S. Department of Energy), 1999a, *Final Environmental Impact Statement Construction and Operation of the Spallation Neutron Source*, DOE/EIS-0247, Office of Science, Germantown, Maryland, April.

DOE (U.S. Department of Energy), 1999b, *Surplus Plutonium Disposition Final Environmental Impact Statement*, DOE/EIS-0283, Office of Fissile Materials Disposition, Washington, DC, November.

DOE (U.S. Department of Energy), 1999c, DOE Standard Radiological Control, DOE-STD-1098-99 (Change Notice No. 1, March 2005), Washington, DC, July.

DOE (U.S. Department of Energy), 2000a, *Final Environmental Impact Statement for the Treatment and Management of Sodium-Bonded Spent Nuclear Fuel,* DOE/EIS-0306, Washington, DC, July.

DOE (U.S. Department of Energy), 2000b, *Final Programmatic Environmental Impact Statement for Accomplishing Expanded Civilian Nuclear Energy Research and Development and Isotope Production Missions in the United States, Including the Role of the Fast Flux Test Facility*, DOE/EIS-0310, Office of Nuclear Energy, Science and Technology, December.

DOE (U.S. Department of Energy), 2000c, *Savannah River Site, Spent Nuclear Fuel Management Final Environmental Impact Statement*, DOE/EIS-0279, Aiken, South Carolina.

DOE (U.S. Department of Energy), 2001, *Savannah River Site Salt Processing Alternatives Final Supplemental Environmental Impact Statement*, DOE/EIS-0082-S2, Savannah River Operations Office, Aiken, South Carolina, June.

DOE (U.S. Department of Energy), 2002a, *Idaho High-Level Waste and Facilities Disposition Final Environmental Impact Statement*, DOE/EIS-0287, Idaho Operations Office, Idaho Falls, Idaho, September.

DOE (U.S. Department of Energy), 2002b, *Savannah River Site High-Level Waste Tank Closure Final Environmental Impact Statement*, DOE/EIS-0303, Aiken, South Carolina, May.

DOE (U.S. Department of Energy), 2002c, *Final Environmental Impact Statement for the Proposed Relocation of Technical Area 18 Capabilities and Materials at the Los Alamos National Laboratory*, DOE/EIS-0319, National Nuclear Security Administration, Washington, DC, August.

DOE (U.S. Department of Energy), 2002d, *Savannah River Site High-Level Waste Tank Closure Final Environmental Impact Statement*, DOE/EIS-0303, Savannah River Operations Office, Aiken, South Carolina, May.

DOE (U.S. Department of Energy), 2002e, *Final Environmental Impact Statement for a Geological Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County, Nevada*, DOE/EIS-0250, Office of Civilian Radioactive Waste Management, Yucca Mountain Site Characterization Office, North Las Vegas, Nevada, February.

DOE (U.S. Department of Energy), 2003, *Estimating Radiation Risk from Total Effective Dose Equivalent (TEDE), ISCORS Technical Report No. 1,* DOE/EH-412/0015/0802, Rev. 1, Office of Environmental Policy and Guidance, January.

DOE (U.S. Department of Energy), 2005a, *Savannah River Site's Cold War Built Environment Cultural Resources Management Plan*, Savannah River Operations Office, Aiken, South Carolina, January 26.

DOE (U.S. Department of Energy), 2005b, *Draft Environmental Impact Statement for the Proposed Consolidation of Nuclear Operations Related to Production of Radioisotope Power Systems*, DOE/EIS-0373D, Washington, DC, June.

DOE (U.S. Department of Energy), 2005c, *Environmental Assessment for the Safeguards and Security Upgrades for Storage of Plutonium Materials at the Savannah River Site*, DOE/EA-1538, Savannah River Operations Office, Aiken, South Carolina, December.

DOE (U.S. Department of Energy), 2005d, *Supplement Analysis for the Idaho High-Level Waste and Facilities Disposition Final Environmental Impact Statement*, DOE/EIS-0287-SA-01, Idaho Operations Office, June.

DOE (U.S. Department of Energy), 2005e, *Savannah River Site End State Vision*, Office of Environmental Management, Aiken, South Carolina, July 26.

DOE (U.S. Department of Energy), 2007, *Environmental Assessment for the National Pollutant Discharge Elimination System Stormwater Compliance Alternative at the Savannah River Site*, DOE/EA-1563, Savannah River Operations Office, Aiken, South Carolina, June.

DOE (U.S. Department of Energy), 2008a, *Final Complex Transformation Supplemental Programmatic Environmental Impact Statement*, DOE/EIS-0236-S4, National Nuclear Security Administration, Washington, DC, October.

DOE (U.S. Department of Energy), 2008b, *Environmental Assessment for the Oak Ridge National Laboratory Modernization Initiative Oak Ridge, Tennessee*, DOE/EA-1618, Oak Ridge Office, Oak Ridge, Tennessee, July.

DOE (U. S. Department of Energy), 2008c, *Environmental Assessment for the Oak Ridge Science and Technology Project at the Oak Ridge National Laboratory, Oak Ridge, Tennessee*, DOE/EA-1575, Oak Ridge Office, February.

DOE (U.S. Department of Energy), 2008d, *Final Supplemental Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County, Nevada*, DOE/EIS-0250F-S1, Office of Civilian Radioactive Waste Management, Las Vegas, Nevada, June.

DOE (U. S. Department of Energy), 2008e, Finding of No Significant Impact Oak Ridge Science and Technology Project at the Oak Ridge National Laboratory, Oak Ridge, Tennessee, Oak Ridge Office, February 20.

DOE (U.S. Department of Energy), 2009, *Supplement Analysis for Waste Isolation Pilot Plant Site-Wide Operations*, Table 2, DOE/EIS-0026-SA-7, Carlsbad, New Mexico, May.

DOE (U.S. Department of Energy), 2010a, Idaho National Laboratory (INL) Site Greenhouse Gas (GHG) Monitoring Plan – 40 C.F.R. § 98, Idaho Operations Office, Idaho Falls, Idaho.

DOE (U.S. Department of Energy), 2010b, Federal Energy Management Program (FEMP) Exterior Lighting Guide for Federal Agencies 2010, August.

DOE (U.S. Department of Energy), 2010c, *Environmental Assessment for the Multipurpose Haul Road Within the Idaho National Laboratory Site*, DOE/EA-1772, Idaho Operations Office, Idaho Falls, Idaho, August.

DOE (U.S. Department of Energy), 2010d, Finding of No Significant Impact for the Multipurpose Haul Road Within the Idaho National Laboratory Site, EM-FMDP-I0-068, Idaho Operations Office, August 4.

DOE (U.S. Department of Energy), 2010e, *Final Environmental Assessment for U-233 Material Downblending and Disposition Project at the Oak Ridge National Laboratory Oak Ridge, Tennessee*, DOE/EA-1651, Oak Ridge Office, January.

DOE (U.S. Department of Energy), 2011a, *Environmental Assessment for the Replacement Capability for Disposal of Remote-Handled Low-Level Waste Generated at the Department of Energy's Idaho Site*, DOE/EA-1793, Idaho Operations Office, Idaho Falls, Idaho, December.

DOE (U.S. Department of Energy), 2011b, DOE Order 458.1, *Radiation Protection of the Public and the Environment*, Office of Health, Safety and Security, Washington, DC, February 2.

DOE (U.S. Department of Energy), 2011c, *Final Site-Wide Environmental Impact Statement for the Y-12 National Security Complex*, DOE/EIS-0387, National Nuclear Security Administration, Y-12 Site Office, Oak Ridge, Tennessee, February.

DOE (U.S. Department of Energy), 2011d, *Final Long-Term Management and Storage of Elemental Mercury Environmental Impact Statement*, DOE/EIS-0423, Office of Environmental Management, Washington, DC, January.

DOE (U.S. Department of Energy), 2011e, Departmental Sustainability, DOE Order 436.1, (available at https://www.directives.doe.gov/directives-documents/400-series/0436.1-BOrder), May 2.

DOE (U.S. Department of Energy), 2011f, *Finding of No Significant Impact for the Environmental Assessment for the Replacement Capability for the Disposal of Remote-Handled Low-Level Radioactive Waste Generated at the Department of Energy's Idaho Site, Idaho Operations Office, Idaho Falls, Idaho*, December.

DOE (U.S. Department of Energy), 2011g, *Environmental Assessment for the Proposed use of Savannah River Site Lands for Military Training*, DOE/EA-1606, Savannah River Operations Office, December.

DOE (U.S. Department of Energy), 2011h, Finding of No Significant Impact for the Proposed Use of Savannah River Site Lands for Military Training, December 15.

DOE (U.S. Department of Energy), 2012a, *Final Tank Closure and Waste Management Environmental Impact Statement for the Hanford Site, Richland, Washington*, DOE/EIS-0391, Office of River Protection, Richland, Washington, November.

DOE (U.S. Department of Energy), 2012b, Revised Finding of No Significant Impact for the Proposed Use of Savannah River Site Lands for Military Training, July 26.

DOE (U.S. Department of Energy), 2013a, Supplemental Analysis for the Nuclear Infrastructure Programmatic Environmental Impact Statement for Plutonium-238 Production for Radioisotope Power Systems, DOE/EIS-0310-SA-02, Washington, DC, September.

DOE (U.S. Department of Energy), 2013b, *Supplement Analysis, Savannah River Site Spent Nuclear Fuel Management,* DOE/EIS-0279-SA-01, DOE/EIS-0218-SA-06, Aiken, South Carolina, March.

DOE (U.S. Department of Energy), 2013c, Final Site-Wide Environmental Impact Statement for the Continued Operation of the Department of Energy/National Nuclear Security Administration Nevada National Security Site and Off-Site Locations in the State of Nevada, DOE/EIS-0426, Nevada Site Office, February.

DOE (U.S. Department of Energy), 2014a, *U.S. Department of Energy Strategic Plan 2014-2018*, DOE/CF-0067, Washington, DC, March.

DOE (U.S. Department of Energy), 2014b, Finding of No Significant Impact and *Environmental Assessment for the Resumption of Transient Testing of Nuclear Fuels and Materials*, DOE/EA-1954, Idaho Operations Office, February.

DOE (U.S. Department of Energy), 2015a, *Final Surplus Plutonium Disposition Supplemental Environmental Impact Statement*, DOE/EIS-0283-S2, Office of Environmental Management and National Nuclear Security Administration, Washington, DC, April.

DOE (U.S. Department of Energy), 2015b, *Environmental Assessment of the Emergency Operations Center Project*, DOE/EA-2014, National Nuclear Security Administration Production Office, September.

DOE (U.S. Department of Energy), 2015c, *Tritium And Enriched Uranium Management Plan Through 2060*, Report to Congress, Washington, DC, October.

DOE (U.S. Department of Energy), 2015d, *Finding of No Significant Impact for the Emergency Operations Center Project*, Y-12 National Security Complex, Oak Ridge, Tennessee, DOE/EA-2014, National Nuclear Security Administration, October 26.

DOE (U.S. Department of Energy), 2015e, *Supplement Analysis for the Foreign Research Reactor Spent Nuclear Fuel Acceptance Program, Highly Enriched Uranium Target Residue Material Transportation*, DOE/EIS-0218-SA-07, Washington, DC, November 30.

DOE (U.S. Department of Energy), 2015f, *Supplement Analysis Proposed Shipment of Commercial Spent Nuclear Fuel to DOE National Laboratories for Research and Development Purposes*, Table 3-1, DOE/EIS-0203-SA-07, DOE/EIS-0250F-S-1-SA-02, Office of Nuclear Energy, December.

DOE (U.S. Department of Energy), 2015g, *DOE 2014 Occupational Radiation Exposure*, Office of Environment, Health, Safety and Security, Oak Ridge, Tennessee.

DOE (U.S. Department of Energy), 2016a, *Final Environmental Impact Statement for the Disposal of Greater-Than-Class C (GTCC) Low-Level Radioactive Waste and GTCC-Like Waste*, DOE/EIS-0375, Washington, DC, January.

DOE (U.S. Department of Energy), 2016b, *Final Environmental Impact Statement for the Recapitalization of Infrastructure Supporting Naval Spent Nuclear Fuel Handling*, DOE/EIS-0453-F, Naval Nuclear Propulsion Program, Washington, DC, October.

DOE (U.S. Department of Energy), 2016c, *Environmental Management Program Management Plan Savannah River Site*, September.

DOE (U.S. Department of Energy), 2016d, *Final Environmental Assessment Property Transfer to Develop a General Aviation Airport at the East Tennessee Technology Park Heritage Center, Oak Ridge, Tennessee*, DOE/EA-2000, Oak Ridge Office of Environmental Management, Oak Ridge, Tennessee, February.

DOE (U.S. Department of Energy), 2016e, *Supplement Analysis for the Site-Wide Environmental Impact Statement for the Y-12 National Security Complex*, DOE/EIS-0387-SA-01, National Nuclear Security Administration, Production Office, Y-12, April.

DOE (U.S. Department of Energy), 2016f, *Supplement Analysis of the Mark-18A Target Material Recovery Program at the Savannah River Site*, DOE/EIS-0220-SA-02 and DOE/EIS-0279-SA-06, Savannah River Operations Office, Aiken, South Carolina, November.

DOE (U.S. Department of Energy), 2016g, DOE ID Spent Fuel Facilities/Independent SNF Storage Installation.

DOE (U.S. Department of Energy), 2016h, Finding of No Significant Impact, Property Transfer to Develop a General Aviation Airport at the East Tennessee Technology Park Heritage Center, Oak Ridge, Tennessee, DOE/EA-2000, Oak Ridge Office of Environmental Management, Oak Ridge, Tennessee, February.

DOE (U.S. Department of Energy), 2016i, DOE Order 151.1D, Comprehensive Emergency Management System, Chg. 1, 10-4-2019, Washington, DC, August 11.

DOE (U.S. Department of Energy), 2016j, *DOE 2015 Occupational Radiation Exposure*, Office of Environment, Health, Safety and Security, Oak Ridge, Tennessee, October.

DOE (U.S. Department of Energy), 2016k, *Final Environmental Impact Statement for the Recapitalization of Infrastructure Supporting Naval Spent Nuclear Fuel Handling*, DOE/EIS-0453-F, Washington, DC, October.

DOE (U.S. Department of Energy), 2017a, Environmental Management Disposal Facility.

DOE (U.S. Department of Energy), 2017b, *Report from the Department of Energy Voluntary Protection Program Onsite Review October 10-19, 2017,* Office of Environment, Health, Safety and Security, Washington, DC.

DOE (U.S. Department of Energy), 2017c, *Remedial Investigation/Feasibility Study for Comprehensive Environmental Response, Compensation, and Liability Act, Oak Ridge Reservation Waste Disposal, Oak Ridge, Tennessee*, DOE/OR/01-2535&D5, Office of Environmental Management, Oak Ridge, Tennessee, February 8.

DOE (U.S. Department of Energy), 2017d, *Final Environmental Assessment for the Acceptance and Disposition of Spent Nuclear Fuel Containing U.S.-Origin Highly Enriched Uranium from the Federal Republic of Germany*, DOE/EA-1977, Aiken, South Carolina, December.

DOE (U.S. Department of Energy), 2017e, *Finding of No Significant Impact for the Final Environmental Assessment for the Acceptance and Disposition of Spent Nuclear Fuel Containing U.S.-Origin Highly Enriched Uranium from the Federal Republic of Germany*, DOE/EA-1977, Aiken, South Carolina, December 20.

DOE (U.S. Department of Energy), 2017f, DOE Standard Radiological Control Technical Standard, DOE-STD-1098-2017, Change Notice 1, Washington, DC, January 2017.

DOE (U.S. Department of Energy), 2017g, *DOE 2016 Occupational Radiation Exposure*, Office of Environment, Health, Safety and Security, Oak Ridge, Tennessee, November.

DOE (U.S. Department of Energy), 2018a, *Mission Need Statement for the Versatile Test Reactor (VTR) Project, A Major Acquisition Project,* Office of Nuclear Technology Research and Development, Office of Nuclear Energy, December.

DOE (U.S. Department of Energy), 2018b, *DOE 2017 Occupational Radiation Exposure*, Office of Environment, Health, Safety and Security, Oak Ridge Tennessee.

DOE (U.S. Department of Energy), 2018c, DOE Standard, Hazard Categorization of DOE Nuclear Facilities, DOE-STD-1027-2018, Washington, DC, November.

DOE (U.S. Department of Energy), 2018d, *Environmental Assessment for the Disposal of Greater-Than-Class C (GTCC) Low-Level Radioactive Waste and GTCC-Like Waste at Waste Control Specialists, Andrews County, Texas*, DOE/EA-2082, Washington, DC, October.

DOE (U.S. Department of Energy), 2018e, *Proposed Plan for the Disposal of Oak Ridge Reservation Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Waste*, DOE/OR/01-2695&D2/R1, Environmental Management Program, September.

DOE (U.S. Department of Energy), 2018f, *Final Environmental Impact Statement for Remediation of Area IV and the Northern Buffer Zone of the Santa Susana Field Laboratory*, DOE/EIS-0402, November.

DOE (U.S. Department of Energy), 2018g, *U.S. Department of Energy FY2017 Economic Impact in Tennessee* (available at https://eteconline.org/wp-content/uploads/2018/05/DOE-EIS-FY17-Report.pdf), East Tennessee Economic Council.

DOE (U.S. Department of Energy), 2018h, *Office of Enterprise Assessments, Assessment of the Emergency Management Exercise Program at the Idaho Site*, Washington, DC, January.

DOE (Department of Energy), 2018i, *Assessment of the Savannah River Site Emergency Management Exercise Program*, Office of Enterprise Assessments, October.

DOE (U.S. Department of Energy), 2019a, *Injury and Illness Dashboard* (accessed September 11, 2019 and October 17, 2019 at https://data.doe.gov/MS/asp/Main.aspx).

DOE (U.S. Department of Energy), 2019b, *Finding of No Significant Impact and Environmental Assessment for Use of DOE-Owned High-Assay Low-Enriched Uranium Stored at Idaho National Laboratory*, DOE/EA-2087, Idaho Operations Office, Idaho Falls, Idaho, January.

DOE (U.S. Department of Energy), 2019c, *Finding of No Significant Impact and Final Environmental Assessment for Expanding Capabilities at the Power Grid Test Bed at Idaho National Laboratory*, DOE/EA-2097, Idaho Operations Office, July.

DOE (U.S. Department of Energy), 2019d, *Analysis of Alternatives, Versatile Test Reactor Project*, Office of Nuclear Energy, November 15.

DOE (U.S. Department of Energy), 2019e, *Final Supplement Analysis of the Complex Transformation Supplemental Programmatic Environmental Impact Statement*, DOE/EIS-0236-S4-SA-02, Aiken, South Carolina, December.

DOE (U.S. Department of Energy), 2019f, *Natural Resources Management Plan for the Savannah River Site* (available at www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5208304.pdf), prepared by U.S. Department of Agriculture, Forest Service-Savannah River, New Ellenton, South Carolina, November.

DOE (U.S. Department of Energy), 2019g, *Occupational Radiation Exposure Report for Calendar Year 2018*, Office of Environment, Health, Safety and Security, Oak Ridge, Tennessee.

DOE (U.S. Department of Energy), 2019h, *Finding of No Significant Impact and Final Environmental Assessment for Expanding Capabilities at the National Security Test Range and the Radiological Response Training Range at Idaho National Laboratory*, DOE/EA-2063, Idaho Operations Office, Idaho Falls, Idaho, November.

DOE (U.S. Department of Energy), 2020a, *Final Environmental Impact Statement for Plutonium Pit Production at the Savannah River Site in South Carolina*, DOE/EIS-0541, National Nuclear Security Administration, Savannah River Site, September.

DOE (U.S. Department of Energy), 2020b, *Final Supplemental Environmental Impact Statement for Disposition of Depleted Uranium Oxide Conversion Product Generated from DOE's Inventory of Depleted Uranium Hexafluoride*, DOE/EIS-0359-S1 and DOE/EIS-0360-S1, Office of Environmental Management, Washington, DC, April.

DOE (U.S. Department of Energy), 2020c, Personal communication (email) with B. Dingman, Re: Number of workers at the Idaho Site, April 30.

DOE (U.S. Department of Energy), 2020d, *Supplement Analysis for Disposition of Additional Non-Pit Surplus Plutonium*, DOE/EIS-0283-SA-4, National Nuclear Security Administration, August.

DOE (U.S. Department of Energy), 2020e, *Final Environmental Assessment for the Commercial Disposal of Defense Waste Processing Facility Recycle Wastewater from the Savannah River Site*, DOE/EA-2115, August.

DOE (U.S. Department of Energy), 2020f, "Secretary Brouillette and South Carolina Officials Announce Historic Agreement between the Trump Administration and the State of South Carolina," *Energy News*, August 31.

DOE (U.S. Department of Energy), 2020g, *Final Supplement Analysis of the 2008 Site-Wide Environmental Impact Statement for the Continued Operation of Los Alamos National Laboratory for Plutonium Operations*, DOE/EIS-0380-SA-06, National Nuclear Security Administration, August.

DOE (U.S. Department of Energy), 2020h, Personal communication (email) from J. L. Eddins, DOE-Office of Nuclear Energy, to J. Lovejoy, DOE-Idaho, Re: HALEU Availability for Draft EIS, July 6.

DOE, SC SHPO, and ACHP (U.S. Department of Energy, South Carolina State Historic Preservation Office, and the Advisory Council on Historic Preservation), 2020, Programmatic Agreement (PA) Between the U.S. Department of Energy (DOE), the South Carolina State Historic Preservation Office (SHPO), and the Advisory Council on Historic Preservation (ACHP) regarding the Management of Historic Properties on the Savannah River Site (SRS), Aiken, Barnwell, and Allendale Counties, South Carolina, Aiken, South Carolina.

DOE/Navy/ID (U.S. Department of Energy, U.S. Navy, and the State of Idaho), 1995, Idaho Settlement Agreement, October 16.

DOE-CFO (U.S. Department of Energy, Carlsbad Field Office), 2018, Permit Modification Request for the Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Number NM4890139088-TSDF, January.

DOE-CFO (U.S. Department of Energy, Carlsbad Field Office), 2019, *Annual Transuranic Waste Inventory Report –2019*, DOE/TRU-19-3425, Rev. 0, Carlsbad, New Mexico, December.

DOE-ID & Idaho (U.S. Department of Energy and State of Idaho), 2019, Supplemental Agreement Concerning Conditional Waiver of Sections D.2.e and K.1 of 1995 Settlement Agreement, November 6.

DOE-ID & Idaho (State of Idaho, through the Governor of the State of Idaho and the Idaho Attorney General, and the U.S. Department of Energy), 2020, Agreement Concerning Handling of Spent Nuclear Fuel Generated by the Advanced Test Reactor, February 4.

DOE-ID & USFWS (U.S. Department of Energy, Idaho Operations Office and U.S. Fish and Wildlife Service, Idaho State Office), 2014, *Candidate Conservation Agreement for Greater Sage-grouse (Centrocercus urophasianus) on the Idaho National Laboratory Site in Southeast Idaho*, DOE/ID-11514, prepared by: Gonzales-Stoller Surveillance, LLC, and Wildlife Conservation Society Under the Environmental Surveillance, Education, and Research Program, September.

DOE-ID (U.S. Department of Energy, Idaho Operations Office), 1998, Final Record of Decision for Argonne National Laboratory-West, W7500-000-ES-04, Operable Unit 9-04, Idaho Falls, Idaho, September 25.

DOE-ID (U.S. Department of Energy, Idaho Operations Office), 2014, Technical Basis for Environmental Monitoring and Surveillance at the Idaho National Laboratory Site, DOE/ID-11485, February.

DOE-ID (U.S. Department of Energy, Idaho Operations Office), 2016, NEPA CX Determination, Small Modular Reactor (SMR) Site Inspection Visit, INL-16-015, March 14.

DOE-ID (U.S. Department of Energy, Idaho Operations Office), 2017, Agreement-in-Principle Between the Shoshone-Bannock Tribes and the U.S. Department of Energy, September 25.

DOE-ID (U.S. Department of Energy, Idaho Operations Office), 2018, Idaho National Laboratory Site Bat Protection Plan, DOE/ID-12002, Rev 0, Idaho Falls, Idaho, September.

DOE-ID (U.S. Department of Energy, Idaho Operations Office), 2019a, *Fiscal Year 2019 Revegetation Assessment*, INL/EXT-19-56726, Idaho Falls, Idaho, November.

DOE-ID (U.S. Department of Energy, Idaho Operations Office), 2019b, DOE-ID NEPA CX Determination, *Idaho National Laboratory Gravel Source and Borrow Pit Operations (Overarching)*, INL-19-155, December 11.

DOE-ID (U.S. Department of Energy, Idaho Operations Office), 2019c, NEPA CX Determination, Sample Preparation Laboratory, Rev 2, INL-16-060 R2, Idaho National Laboratory, November 21.

DOE-ID, ID SHPO, and ACHP (U.S. Department of Energy Idaho Operations Office, Idaho State Historic Preservation Office, and the Advisory Council on Historic Preservation), 2004, Programmatic Agreement Concerning the Management of Historical Cultural Resources on the Idaho National Engineering and Environmental Laboratory, September 15.

DOE-OR (U.S. Department of Energy, Oak Ridge Operations Office), 2001, *Cultural Resource Management Plan*, Department of Energy Oak Ridge Operations Office, Anderson and Roane Counties, Tennessee, DOE/ORO-2085, Oak Ridge, Tennessee, July.

DOE-OR (U.S. Department of Energy, Oak Ridge Operations Office), 2005, Programmatic Agreement Among the Department of Energy Oak Ridge Operations, Tennessee State Historic Preservation Office, and the Advisory Council on Historic Preservation Concerning the Management of Historical Cultural Properties at Oak Ridge National Laboratory, Oak Ridge, Tennessee, February 23.

DOE-OR (U.S. Department of Energy, Oak Ridge Operations Office), 2018, *Site Treatment Plan for Mixed Wastes on the U.S. Department of Energy Oak Ridge Reservation*, TDEC-VER.23.0,

DOE-ORNL (U.S. Department of Energy, Oak Ridge National Laboratory Site Office), 2020a, Memorandum for J. O. Moore, Manager, ORNL Site Office from P. R. Siebach, NEPA Compliance Officer, Re: National Environmental Policy Act (NEPA) Determination for the Preparation of a Supplement Analysis for the Construction of the Second Target at the Spallation Neutron Source (SNS) at Oak Ridge National Laboratory, January 29.

DOE-ORNL (U.S. Department of Energy, Oak Ridge National Laboratory Site Office), 2020b, Memorandum for J. Moore, Manager, ORNL Site Office, from P. Siebach, NEPA Compliance Officer, Re: National Environmental Policy Act (NEPA) Environmental Assessment Determination for the Stable Isotope Production and Research Center (SIPRC) at Oak Ridge National Laboratory, January 30.

DOE-ORNL (U.S. Department of Energy, Oak Ridge National Laboratory Site Office), 2020c, Memorandum for J. Moore, Manager, ORNL Site Office, from P. Siebach, NEPA Compliance Officer, Re: National Environmental Policy Act (NEPA) Environmental Assessment Determination for the Transformational Challenge Reactor (TCR) at Oak Ridge National Laboratory, February 12.

DOS (U.S. Department of State), 2020, Adherence to and Compliance with Arms Control, Nonproliferation, and Disarmament Agreements and Commitments, Washington, DC, June.

DOT (U.S. Department of Transportation), 2012, *High-Speed Ground Transportation Noise and Vibration Impact Assessment*, Office of Railroad Policy and Development, Federal Railroad Administration, DOT/FRA/ORD-12/15, September.

DOT (U.S. Department of Transportation), 2018, *Transit Noise and Vibration Impact Assessment Manual*, FTA Report No. 0123, Federal Transit Administration, September.

DOT (U.S. Department of Transportation), 2019, *Traffic Safety Facts 2017*, DOT HS 812 806, National Highway Traffic Safety Administration, Washington, DC, September.

EPA (U.S. Environmental Protection Agency), 1974, Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare within Adequate Margin of Safety, Office of Noise Abatement and Control, Washington, DC, March.

EPA (U.S. Environmental Protection Agency), 1978, Protective Noise Levels, Condensed Version of EPA Levels Document, EPA 550/9-79-100, Office of Noise Abatement and Control, Washington, DC, November.

EPA (U.S. Environmental Protection Agency), 2008, *Compilation of Air Pollutant Emission Factors, AP-42, Vol. I,* Section 1.5, Liquefied Petroleum Gas Combustion (available at www3.epa.gov/ttn/chief/ap42/ch01/final/c01s05.pdf).

EPA (U.S. Environmental Protection Agency), 2011, *Sole Source Aquifers in the Southeast*, Atlanta, Georgia, February 9.

EPA (U.S. Environmental Protection Agency), 2016, NAAQS Table (available at www.epa.gov/ criteria-air-pollutants/naaqs-table).

EPA (U.S Environmental Protection Agency), 2018a, Latest Version of Motor Vehicle Emission Simulator (MOVES) - MOVES2014b: Latest Version of Motor Vehicle Emission Simulator (available at www.epa.gov/moves/latest-version-motor-vehicle-emission-simulator-moves).

EPA (U.S Environmental Protection Agency), 2018b, Exhaust and Crankcase Emission Factors for Nonroad Compression-Ignition Engines in MOVES2014b, VOC, CO, NOx, and PM factors from Table 2-1 and PM10/PM2.5 ratios from page 34 (available at www.epa.gov/moves/nonroad-technical-reports).

EPA (U.S. Environmental Protection Agency), 2019a, Interactive map of SSAs (Sole Source Aquifers) (accessed September 12, 2019 at https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b).

EPA (U.S. Environmental Protection Agency), 2019b, Letter K. Viswanathan to J. Tippets, Approval of the Idaho Department of Environmental Quality's Request for Updated Delegation of Authority for National Emissions Standards for Hazardous Air Pollutants, October 30.

EPA (U.S. Environmental Protection Agency), 2019c, Idaho NPDES Program Authorization, accessed on January 15, 2020 at https://www.epa.gov/npdes-permits/idaho-npdes-program-authorization#schedule, December 6.

EPA (U.S. Environmental Protection Agency), 2019d, 2018 Greenhouse Gas Emissions from Large Facilities – Savannah River Nuclear Solutions LLC, Savannah River Site, GHGRP Id: 1007270 - FRS Id: 110039497416 (available at https://ghgdata.epa.gov/ghgp/service/facilityDetail/2018?id=1007270&ds=E&et=&popup=true).

EPA (U.S. Environmental Protection Agency), 2019e, Draft Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2018, EPA Document 430-P-20-001 (available at https://www.epa.gov/ghgemissions/draft-inventory-us-greenhouse-gas-emissions-and-sinks-1990-2018).

ERDA (U.S. Energy Research and Development Administration), 1975, *Final Environmental Statement, Liquid Metal Fast Breeder Reactor Program*, ERDA-1535, Washington, DC.

ERDA (U.S. Energy Research and Development Administration), 1976, *Light Water Breeder Reactor Program, Final Environmental Statement*, ERDA-1541, Washington, DC, June 1.

ES (Energy*Solutions*), 2020, Bear Creek Processing Facility (accessed February 10, 2020 at https://www.energysolutions.com/waste-processing/bear-creek-processing-facility/).

ESER (Environmental Surveillance, Education and Research Program), 2007, Sensitive Animal Species Inventory on the INL Sagebrush Steppe Ecosystem Reserve, Stoller-ESER-108, November 27.

ESER (Environmental Surveillance, Education, and Research Program), 2019a, *Vegetation Community Classification and Mapping of the INL Site 2019*, VFS-ID-ESER-Land-064, June.

ESER (Environmental Surveillance, Education, and Research Program), 2019b, *Idaho National Laboratory Site Environmental Report Calendar Year 2018*, DOE/ID-12082(18), Idaho Falls, Idaho, September.

ESER (Environmental Surveillance, Education, and Research Program), 2019c, 2018 Breeding Bird Surveys on the Idaho National Laboratory Site, VFS-ID-ESER-WILD-030, July 9.

ESER (Environmental Surveillance, Education, and Research Program), 2019d, *Implementing the Candidate Conservation Agreement for the Greater Sage-Grouse on the Idaho National Laboratory Site: 2019 Full Report*, VFS-ID-ESER-CCA-074, Idaho Falls, Idaho, January 2020.

FBI (Federal Bureau of Investigation), 2020a, 2016 Crime in the United States, Table 28, Full Time Law Enforcement Employees by State, by Metropolitan and Nonmetropolitan Counties, 2016 (accessed September 2020 at https://ucr.fbi.gov/crime-in-the-u.s/2016/crime-in-the-u.s.-2016/tables/table-28/table-28.xls/).

FBI (Federal Bureau of Investigation), 2020b, 2016 Crime in the United States, Table 26, Full Time Law Enforcement Employees by State, by City, 2016 (accessed September 2020 at https://ucr.fbi.gov/crime-in-the-u.s/2016/crime-in-the-u.s.-2016/tables/table-26/table-26.xls/view).

FHWA (Federal Highway Administration), 2006, Roadway Construction Noise Model User's Guide, Final Report, FHWA-HEP-05-054. January.

Fire Department, 2020, Fire Department Information, Fire Department Directory by state (and county) (accessed August 2020 at https://www.firedepartment.net/).

Gallant, E., J. Richardson, C. Connor, P. Wetmore, and L. Connor, 2018, "A new approach to probabilistic lava flow hazard assessments, applied to the Idaho National Laboratory, eastern Snake River Plain, Idaho, USA, *GEOLOGY*, Vol. 46, p. 895–898 (available at https://doi.org/10.1130/G45123.1).

GAO (U.S. Government Accountability Office), 2019, *Surplus Plutonium Disposition, NNSA's Long-Term Plutonium Oxide Production Plans Are Uncertain*, GAO-20-166, Report to the Committee on Armed Services, U.S. Senate, Washington, DC, October.

GDOT (Georgia Department of Transportation), 2020, I-20 @ Savannah River Bridge Replacements (available at http://www.dot.ga.gov/BS/Projects/SpecialProjects/I20SavannahRiver).

Georgia Power, 2018, "Plant Vogtle 3 and 4" *Plant Vogle* (accessed November 26, 2018, at www.georgiapower.com/company/plant-vogtle.html), Atlanta, Georgia.

Georgia Governor's Office, 2020, Office of Planning and Budget, Population Projections Data, County Residential Population Data, 2018-2063 (accessed September 2020 at https://opb.georgia.gov/census-data/population-projections).

Global Carbon Project, 2019, Global Carbon Budget 2019, Version 1.0 (available at https://www.icos-cp.eu/global-carbon-budget-2019).

Hackett, W. R., and R. P. Smith, 1992, Quaternary Volcanism, *Tectonics and Sedimentation in the Idaho National Engineering Laboratory Area*, Field Guide to Geologic Excursions in Utah and Adjacent areas of Nevada, Idaho and Wyoming, Utah.

Hackett, W. R., R. P. Smith, and S. Khericha, 2002, "Volcanic Hazards of the Idaho National Engineering and Environmental Laboratory, Southeast Idaho," Tectonic and Magmatic Evolution of the Snake River Plain Volcanic Province, Idaho Geological Survey Bulletin 30, p. 461-482.

HUD (U.S. Department of Housing and Urban Development), 1985, HUD Noise Guidebook, HUD-953-CPD (available at www.hudexchange.info/resource/313/hud-noise-guidebook/), Washington, DC, March.

Huotari, J., 2019, TVA Board Unanimously Approves Closing Bull Run Fossil Plant, Oak Ridge Today (available at https://oakridgetoday.com/2019/02/14/tva-board-unanimously-approves-closing-bull-run-fossil-plant/), January 14.

ICRP (International Commission on Radiological Protection), 1991, "1990 Recommendations of the International Commission on Radiological Protection," ICRP Publication 60, Annals of the ICRP, Pergamon Press, Elmsford, New York.

IDA (International Dark-Sky Association), 2019, International Dark Sky Parks - Craters Of The Moon National Monument (accessed September 14, 2019 at https://www.darksky.org/our-work/conservation/idsp/parks/).

Idaho Conservation League, 2019, Declining Groundwater Quality in the Eastern Snake Plain Aquifer, Causes, Trends, and Public Health Effects (accessed May 7, 2020 at https://www.idahoconservation.org/wp-content/uploads/2019/07/ICL_GroundWaterReport-07082019-FINAL-Web-1.pdf), July.

Idaho Department of Labor, 2020, Population Projections, State Projections 2019 through 2029 (available at https://lmi.idaho.gov/population-projections), September 8.

Idaho Medical Association, 2019, Idaho Hospitals (accessed 2019 at www.idmed.org/idaho/Idaho_Public/Resources/Idaho_Hospitals/Idaho_Public/Resources/Idaho_Hospitals.aspx?hkey=b89bea50-4345-4624-be76-7b8cd25e9135).

Idaho Policy Institute (Boise State University, McClure Center for Public Policy Research, and University of Idaho), 2019, *Economic Impact Report*, Construction and Operation of a Small Modular Reactor Electric Power Generation Facility at the Idaho National laboratory Site, Butte County, Idaho (available at https://easternidaho.org/wp-content/uploads/2019/02/SMR-Economic-Impact-Report-FINAL.pdf), January 29.

IDEQ (Idaho Department of Environmental Quality), 2018, Air Quality Permit to Construct, Permit Number P-2015.0023.

IDEQ (Idaho Department of Environmental Quality), 2019, Rules for the Control of Air Pollution in Idaho (available at www.deq.idaho.gov/air-quality/planning/).

IDFG (Idaho Department of Fish and Game), 2017, Idaho State Wildlife Action Plan 2015 (accessed September 12, 2019 at https://idfg.idaho.gov/sites/default/files/state-wildlife-action-plan.pdf).

IIFA (Idaho Wetland Functional Assessment Committee), 1999, Idaho Interim functional Assessment for Riverine Wetlands on the Floodplains of Low-to Moderate Gradient, 2nd or 3rd Order Streams on Fine Textured Substrates, May.

INEEL (Idaho National Engineering and Environmental Laboratory), 2005, *Updated Final Safety Analysis Report for the Advanced Test Reactor*, SAR-153, Rev. 16, April 7.

INL (Idaho National Laboratory), 2001, Ecological Support Reports (accessed September 11, 2019 at http://idahoeser.com/BBS/BBS2017ES.htm), Environmental Surveillance, Education, and Research Program, Idaho Falls, Idaho.

INL (Idaho National Laboratory), 2006, Development Of Rock And Soil Design Basis Earthquake (DBE) Parameters For The Materials And Fuels Complex (MFC), INL/EXT-05-00925, Idaho Falls, Idaho, March.

INL (Idaho National Laboratory), 2010a, INL Seismic Monitoring Program (accessed March 17, 2011 at https://inlportal.inl.gov/portal/server.pt/community/inl_seismic_monitoiring_program), Idaho Operations Office, Idaho Falls, Idaho.

INL (Idaho National Laboratory), 2010b, Idaho National Laboratory Materials and Fuels Complex Natural Phenomena Hazards Flood Assessment, INL/EXT-10-20572, Idaho Falls, Idaho, December.

INL (Idaho National Laboratory), 2010c, *Idaho National Laboratory Site Environmental Report Calendar Year 2009*, DOE/ID-12082(09), Environmental Surveillance, Education and Research Program, Idaho Operations Office, Idaho Falls, Idaho.

INL (Idaho National Laboratory), 2011a, *Idaho National Laboratory Site Environmental Report Calendar Year 2010*, DOE/ID-12082(10), Environmental Surveillance, Education, and Research Program, Idaho Operations Office, Idaho Falls, Idaho, September.

INL (Idaho National Laboratory), 2011b, *INL Wildland Fire Management Plan*, PLN-14401.

INL (Idaho National Laboratory), 2013, *INL Sitewide Noxious Weed Management Plan*, PLN-611.

INL (Idaho National Laboratory), 2014, *Idaho National Laboratory Site Environmental Report Calendar Year 2013*, DOE/ID-12082(13), Environmental Surveillance, Education, and Research Program, Idaho Operations Office, Idaho Falls, Idaho, September.

INL (Idaho National Laboratory), 2015a, *Idaho National Laboratory Site Environmental Report Calendar Year 2014*, DOE/ID-12082(14), Environmental Surveillance, Education, and Research Program, Idaho Operations Office, Idaho Falls, Idaho, September.

INL (Idaho National Laboratory), 2015b, *INL Site Conditions and Properties*, INL/EXT-15-36721, Rev. 0, U.S. Department of Energy, Idaho Operations Office, Idaho, September.

INL (Idaho National Laboratory), 2015c, *Idaho National Laboratory Comprehensive Land Use and Environmental Stewardship Report*, INL/EXT-05-00726, Rev 2, Infrastructure Optimization, Integration, and Planning, Idaho Falls, Idaho, July.

INL (Idaho National Laboratory), 2016a, SSHAC Level 1 Probabalistic Seismic Hazard Analysis for the Idaho National Laboratory; INL SSHAC Level 1 Team, INL/EST-15-036682, Rev. 1, March.

INL (Idaho National Laboratory), 2016b, *Idaho National Laboratory Site Envoironmental Report Calendar Year 2015*, DOE/ID-12082(14), Environmental Surveillance, Education, and Research Program, Idaho Operations Office, Idaho Falls, Idaho, September.

INL (Idaho National Laboratory), 2016c, Experimental Fuels Facility factsheet, Idaho Falls, Idaho.

INL (Idaho National Laboratory), 2016d, *Idaho National Laboratory Emergency Readiness Assurance Plan–Fiscal Year 2016*, INL/EXT-16-39810, Rev. 1, Idaho Falls, Idaho, September.

INL (Idaho National Laboratory), 2016e, Historical Data Analysis Supporting the Data Quality Objectives for the INL Site Environmental Soil Monitoring Program, INL/INT-15-37431, February.

INL (Idaho National Laboratory), 2016f, *Idaho National Laboratory Cultural Resource Management Plan*, DOE/ID-10997, Rev. 6, Idaho Operations Office, Idaho Falls, Idaho, February.

INL (Idaho National Laboratory), 2017a, *2016 Annual Industrial Wastewater Reuse Report for the Idaho National Laboratory Site's Materials and Fuels Complex Industrial Waste Ditch and Industrial Waste Pond*, INL/EXT-17-40841, Idaho Falls, Idaho, February.

INL (Idaho National Laboratory), 2017b, *Idaho National Laboratory Site Environmental Report Calendar Year 2016*, DOE/ID-12082(16), Environmental Surveillance, Education, and Research Program, Idaho Operations Office, Idaho Falls, Idaho, September.

INL (Idaho National Laboratory), 2017c, Technical Evaluation: Utility Study for the Versatile Reactor (VTR) at MFC, December.

INL (Idaho National Laboratory), 2017d, Advanced Demonstration and Test Reactor Options Study, INL/EXT-16-37867, Rev. 3, Idaho Falls, Idaho, January.

INL (Idaho National Laboratory), 2017e, INL Emergency Plan/Resource Conservation and Recovery Act Contingency Plan, PLN-114, Rev. 91, July 26.

INL (Idaho National Laboratory), 2018a, *Idaho National Laboratory Site Environmental Report Calendar Year 2017*, DOE/ID-12082(17), Environmental Surveillance, Education, and Research Program, Idaho Operations Office, Idaho Falls, Idaho, September.

INL (Idaho National Laboratory), 2018b, *2017 Idaho National Laboratory Water Use Report and Comprehensive Well Inventory*, Rev. 26, INL/EXT-18-45157, Idaho Falls, Idaho, June.

INL (Idaho National Laboratory), 2018c, *Idaho National Laboratory Site Bat Protection Plan*, DOE/ID--12002, Rev. 0, (accessed September 12, 2019 at http://idahoeser.com/PDF/BatProtectionPlan2018.pdf), September.

INL (Idaho National Laboratory), 2018d, *Idaho National Laboratory FY2017 Economic Summary*, Research and Development, INL/MIS-17-43835 (available at https://public.inl.gov/public/pdfs/17-50340-R3_Report_FINAL_PRINT.pdf).

INL (Idaho National Laboratory), 2019a, *Idaho National Laboratory Annual Report for Permit to Construct P-2015.0023 for Calendar Year 2018*, INL/EXT-19-52683, Rev. 0, Idaho Falls, Idaho, March.

INL (Idaho National Laboratory), 2019b, *Idaho National Laboratory Environmental Surveillance, Research and Education Program* (available at http://idahoeser.com/Publications_number.htm).

INL (Idaho National Laboratory), 2019c, *Idaho National Laboratory Site Environmental Report Calendar Year 2018*, DOE/ID-12082(18), Environmental Surveillance, Education, and Research Program, Idaho Operations Office, Idaho Falls, Idaho, September.

INL (Idaho National Laboratory), 2019d, *FY 2018 Idaho National Laboratory Economic Summary*, Research and Development, INL/MIS-18-52220 (accessed 2019 at https://inl.gov/inl-initiatives/economic-and-workforce-development/).

INL (Idaho National Laboratory), 2019e, VTR Fuel Facility Plan, INL/LTD-19-54001, Idaho Falls, Idaho, May. **OUO**

INL (Idaho National Laboratory), 2019f, Annual Emergency Exercise Demonstrates Vast First Response Capacity in Region, Idaho Falls, Idaho, June 26.

INL (Idaho National Laboratory), 2019g, Conceptual Design Report for the Versatile Test Reactor (VTR), INL/LTD-19-56681, Rev. 0, Idaho Falls, Idaho, November. **OUO, Export Controlled Information**

INL (Idaho National Laboratory), 2019h, Technical Evaluation: Utility Study for the Versatile Reactor (VTR) at MFC, December.

INL (Idaho National Laboratory), 2020a, Personal communication (email), L. Nelson to D. Outlaw, March 6.

INL (Idaho National Laboratory), 2020b, INL and Idaho Regional Impact, FY2019 (accessed May 2020 at https://inl.gov/inl-initiatives/economic-and-workforce-development/).

INL (Idaho National Laboratory), 2020c, *INL Seismic Monitoring Report: January 1, 2018 – December 31, 2018*, INL/EXT-19-56524, Idaho Falls, Idaho, January.

INL (Idaho National Laboratory), 2020d, VTR Fuel Polishing, TEV No.: 4077, Rev. 0, Idaho Falls, Idaho, August 4.

INL (Idaho National Laboratory), 2020e, *Comprehensive Land Use and Environmental Stewardship Report Update*, INL/EXT-20-57515, Idaho Falls, Idaho.

INL (Idaho National Laboratory), 2020f, VTR Hazards and Impacts Information in Support of National Environmental Policy Act Data Needs, INL/EXT-19-55588, October.

INL (Idaho National Laboratory), 2020g, Technical Evaluation Versatile Test Reactor (VTR) Waste and Material Data for Environmental Impact Statement (EIS), TEM-10300-1, Rev. 9, TEV-3976, Rev. 1, November 12.

INL (Idaho National Laboratory), n.d., Zero Power Physics Reactor Facility factsheet, Idaho Falls, Idaho.

IPCC (Intergovernmental Panel on Climate Change), 2014, *Climate Change 2014: Synthesis Report, Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* (available at http://www.ipcc.ch/activities/activities.shtml), Geneva, Switzerland.

IPFM (International Panel on Fissile Materials), 2016, "Decree by the President of the Russian Federation on the Suspension of the Plutonium Management and Disposition Agreement," President of the Russian Federation V. Putin, Moscow, Russia, October.

ITD (Idaho Transportation Department), 2020, Roadway Data Section, Annual Average Daily Travel Application, AADT 1999 – Present (accessed at https://iplan.maps.arcgis.com/apps/webappviewer/index.html?id=e8b58a3466e74f249cca6aad30e83ba2).

Jackson, S. M., and J. Boatwright, 1985, "The Borah Peak, Idaho Earthquake of October 28, 1983—Strong Ground Motion," *Earthquake Spectra*, Vol. 2, No. 1, pp. 51–68.

Jones and Stokes, 2004, Transportation- and Construction-Induced Vibration Guidance Manual, J&S 02-039, Sacramento, California, June.

Keeling, C. D., 1960, "The Concentration and Isotopic Abundances of Carbon Dioxide in the Atmosphere," *Tellus*, Vol. 12, pp. 200-203.

Knox County, 2019, Knox County, Tennessee Code of Ordinances, Supplement 16, Updated March 11, 2019, Section 10-92 Amendments (accessed March 2, 2020 at https://library.municode.com/tn/knox_county/codes/code_of_ordinances).

Kuntz, M. A., B. Skipp, M. A. Lanphere, W. E. Scott, K. L. Pierce, G. B. Dalrymple, D. E. Champion, G. F. Embree, W. R. Page, L. A. Morgan, R. P. Smith, W. R. Hackett, and D. W. Rodgers, 1994, *Geologic Map of the Idaho National Engineering Laboratory and Adjoining Areas, Eastern Idaho,* U.S. Geological Survey Miscellaneous Investigations Map 1-2330, 1:100,000 scale.

Lamancusa, J., 2009, "Noise Control – Outdoor Sound Propagation," Pennsylvania State University, Department of Mechanical and Nuclear Engineering (accessed May 25, 2018 at www.mne.psu.edu/lamancusa/me458/10_osp.pdf), July 20.

Lee, S. D, 2020, Environmental and Cultural Resources Services, Idaho National Laboratory, Memo to J. Roglans-Ribas, Deputy Project Manager, Versatile Text Reactor, Re: Completion of Versatile Test Reactor Project Site Cultural Field Surveys, July 2020, Idaho Falls, Idaho, August 31.

Leidos, 2020, *Information for Construction of the Versatile Test Reactor at the Oak Ridge National Laboratory*, VTR-RPT-01, Rev. 0, November.

Liu, D. and Lipták, B., 1997, "Noise Measurements," *Environmental Engineers' Handbook*, Second Edition, Lewis Publishers.

LSCOG (Lower Savannah Council of Governments), 2006, *Rural Long-Range Transportation Plan 2015-2040*, March 28.

LSCOG (Lower Savannah Council of Governments), 2017, *Rural Long-Range Transportation Plan 2015-2040*, Aiken, South Carolina, March 2006 with amendments to July 2017.

Mastin, L. G., A. R. Van Eaton, and J. B. Lowenstern, 2014, "Modeling ash fall distribution from a Yellowstone supereruption," *Geochemistry, Geophysics, Geosystems*, Vol. 15, 3459–3475 (doi:10.1002/2014GC005469), August 27.

Mattson, E. D., et al., 2004, "Interpreting INEEL Vadose Zone Water Movement on the Basis of Large-Scale Field Tests and Long-Term Vadose Zone Monitoring Results," Vadose Zone Journal, 3:35–46.

Mitchell, J. C., et al., 1980, *Geothermal Investigations in Idaho — Potential for Direct Heat Application of Geothermal Resources*, Idaho Department of Water Resources Water Information Bulletin Number 30, Part 9.

MSC (Manufacturing Sciences Corporation), 2020, MSC - Manufacturing Sciences Corporation (accessed February 10, 2020 at http://mfgsci.com/).

NA (City of North Augusta), 2005, 2005 Comprehensive Plan, North Augusta, South Carolina, December 19.

National Hurricane Center, 2019, Tropical Cyclone Climatology – 1900-2010 U.S. Hurricane Strikes – Southeast (available at https://www.nhc.noaa.gov/climo/).

National Weather Service, 2019a, NOWData – NOAA Online Weather Data – Aiken Area – Monthly summarized data – Snowfall (available at https://w2.weather.gov/climate/xmacis.php?wfo=cae), Forecast Office, Columbia, South Carolina.

National Weather Service, 2019b, Severe Weather Database Files (1950-2017), File1950-2018_all_tornadoes.csv (available at https://www.spc.noaa.gov/wcm/#data), Storm Prediction Center.

NatureServe, 2019, *Brachylagus idahoensis* Pygmy Rabbit, NatureServe Explorer: An online encyclopedia of life [web application], Version 7.1 (accessed September 12, 2019 at http://explorer.natureserve.org/servlet/NatureServe?searchSpeciesUid=ELEMENT_GLOBAL.2.102656), Arlington, Virginia.

NatureServe, 2020, NatureServe Explorer: An online encyclopedia of life [web application], Version 7.1 (accessed on January 23, 2020 at http://explorer.natureserve.org/), Arlington, Virginia.

NCEI (National Centers for Environmental Information), 2019a, Data Tools: 1981-2010 Normals – South Carolina – BARNWELL 5 ENE (available at https://www.ncdc.noaa.gov/cdo-web/datatools/normals).

NCEI (National Centers for Environmental Information), 2019b, Storm Events Database - Search Results for Aiken County, South Carolina - Event Types: Thunderstorm Wind (available at https://www.ncdc.noaa.gov/stormevents/choosedates.jsp?statefips=45%2CSOUTH+CAROLINA).

NCES (National Center for Education Statistics), 2020, CCD public school data for 2018-2019 and 2019-2020 school year (accessed September 2020 at http://nces.ed.gov/ccd/districtsearch), U.S. Department of Education, Washington, DC.

NCI (National Cancer Institute), 2018, *State Cancer Profiles NIH National Cancer Institute*. (accessed September 10, 2019 at https://statecancerprofiles.cancer.gov/data-topics/incidence.html).

NEAC (Nuclear Energy Advisory Committee), 2017, *Assessment of Missions and Requirements for a New U.S. Test Reactor,* February.

Nelson, L., 2020, Idaho National Laboratory, Personal communication (email) to D. Outlaw, Leidos, Re: Updated Energy Use Information, September 30.

NNSA (National Nuclear Security Administration), 2020, Tritium facility at Savannah River Site reaches key milestone, March 2.

NOAA (National Oceanic and Atmospheric Administration), 2018, Climatography of the Idaho National Laboratory, 4th Edition, NOAA Technical Memorandum OAR ARL-278, Air Resources Laboratory, Idaho Falls, Idaho, June.

NOAA (National Oceanic and Atmospheric Administration), 2019, Trends in Atmospheric Carbon Dioxide - Annual Mean Growth Rate of CO2 at Mauna Loa, Hawaii, Earth System Research Laboratory, Global Monitoring Division (available at https://www.esrl.noaa.gov/gmd/ccgg/trends/gr.html).

Noah, J. C., H. S. Grewal, K. Edington, S. Porca, S. Medcalfe, M. C. Millies, 2011, *The Economic Impact of the Savannah River Site on Five Adjacent Counties in South Carolina and Georgia* (availale at www.garivers.org/images/Economic_Benefits/ 2011_Noah.pdf), May.

NPS (National Park Service), 2019, Interactive Map of NPS Wild and Scenic Rivers (accessed January 16, 2020 at https://www.nps.gov/orgs/1912/plan-your-visit.htm).

NRC (U.S. Nuclear Regulatory Commission), 1977, *Environmental Statement Related to Construction and Operation of Clinch River Breeder Reactor Plant*, NUREG-0139, Docket No. 50-537, Office of Nuclear Reactor Regulation, Washington, DC, February.

NRC (U.S. Nuclear Regulatory Commission), 1982, *Supplement to Final Environmental Statement Related to Construction and Operation of Clinch River Breeder Reactor Plant*, NUREG-0139-Suppl. 1-Vol. 2, Washington, DC, October 1.

NRC (U.S. Nuclear Regulatory Commission), 1994, *Preapplication Safety Evaluation Report for the Power Reactor Innovative Small Module (PRISM) Liquid-Metal Reactor*, NUREG-1368, Washington, DC, February.

NRC (U.S. Nuclear Regulatory Commission), 1996, *Guidelines for Preparing and Reviewing Applications for the Licensing of Non-Power Reactors*, NUREG 1537 Part 1, Washington, DC, March 6.

NRC (U.S. Nuclear Regulatory Commission), 2004, *Environmental Impact Statement for the Proposed Idaho Spent Fuel Facility at the Idaho National Engineering and Environmental Laboratory in Butte County, Idaho*, NUREG-1773, Washington, DC, January.

NRC (U.S. Nuclear Regulatory Commission), 2005a, *Environmental Impact Statement on the Construction and Operation of a Proposed Mixed Oxide Fuel Fabrication Facility at the Savannah River Site, South Carolina*, NUREG-1767, Office of Nuclear Material Safety and Safeguards, Washington, DC, January.

NRC (U.S. Nuclear Regulatory Commission), 2005b, *Final Safety Evaluation Report on the Construction Authorization Request for the Mixed Oxide Fuel Fabrication Facility at the Savannah River Site, South Carolina*, NUREG-1821, Washington, DC, March.

NRC (U.S. Nuclear Regulatory Commission), 2008, Final EIS for Early Site Permit at the Vogtle Electric Generating Plant Site, NUREG 1872 (available at www.nrc.gov/reading-rm/doc-collections/nuregs/staff/ sr1872/), August.

NRC (U.S. Nuclear Regulatory Commission), 2011, *Environmental Impact Statement for the Proposed Eagle Rock Enrichment Facility in Bonneville County, Idaho*, NUREG-1945, Vol. 1, Washington, DC, February.

NRC (U.S. Nuclear Regulatory Commission), 2019, *Environmental Impact Statement for an Early Site Permit (ESP) at the Clinch River Nuclear Site*, NUREG-2226, Office of New Reactors, Washington, DC, April.

NRC (U.S. Nuclear Regulatory Commission), 2020a, *Environmental Impact Statement for the Holtec International's License Application for a Consolidated Interim Storage Facility for Spent Nuclear Fuel and High Level Waste*, Draft Report for Comment, NUREG-2237, Office of Nuclear Material Safety and Safeguards, Washington, DC, March.

NRC (U.S. Nuclear Regulatory Commission), 2020b, *Draft Environmental Impact Statement for Interim Storage Partners LLC's License Application for a Consolidated Interim Storage Facility for Spent Nuclear Fuel in Andrews County, Texas*, NUREG-2239, Office of Nuclear Material Safety and Safeguards, May.

NRC (U.S. Nuclear Regulatory Commission), 2020c, Oklo Power LLC – Acceptance of the Application for a Combined License Application for the AURORA at Idaho National Laboratory, letter from J. Mazza, U.S. Nuclear Regulatory Commission, to Dr. J. DeWitte, Oklo, Inc., June 5.

NRCS (National Resources Conservation Service), 2018, Soil Map – Savannah River Plant Area (K-Area), Web Soil Survey, Washington, DC, October.

NuScale, 2019, "UAMPS at Vanguard of NuScale's Relentless March Towards Commercialization" *NuScale Power* (accessed November 11, 2019 at www.nuscalepower.com/newsletter/nucleus-fall-2018/uamps-update), NuCleus Fall 2018 Newsletter, Portland, Oregon.

NWL (National Wildlife Federation), 2019, Sagebrush Steppe (accessed September 11, 2019 at https://www.nwf.org/Educational-Resources/Wildlife-Guide/Threats-to-Wildlife/Climate-Change/ Habitats/Sagebrush-Steppe).

OkloPower, 2020, Aurora Environmental Report Combined License Stage, Rev. 0, Sunnyvale, California.

Olson, G. L., D. J. Jeppesen, and R. D. Lee, 1995, The Status of Soil Mapping for the Idaho National Engineering Laboratory, INEEL/EXT-95-00960, Lockheed Idaho Technologies Company, Idaho Falls, Idaho.

OREM (Oak Ridge Office of Environmental Management), 2018, Environmental Management Disposal Facility Factsheet, U.S. Department of Energy, Office of Environmental Management, September.

OREM (Oak Ridge Office of Environmental Management), 2019, *Program Plan FY 2014 to 2024* (accessed August 2020 at www.energy.gov/sites/prod/files/2019/09/f66/ OREM_10yr_Fall2019_0.pdf).

ORNL (Oak Ridge National Laboratory), 1992, *Phase I Environmental Report for the Advanced Neutron Source at Oak Ridge National Laboratory*, ORNL/TM-12069, Oak Ridge, Tennessee, February.

ORNL (Oak Ridge National Laboratory), 2002, Oak Ridge National Laboratory Land and Facilities Plan, ORNL/TM-2002/1, Oak Ridge, Tennessee, August.

ORNL (Oak Ridge National Laboratory), 2005, High Flux Isotope Reactor Updated Safety Analysis Report, ORNL/HFIR/USAR/2344/Rev. 5, Research Reactors Division, Oak Ridge, Tennessee, May 13.

ORNL (Oak Ridge National Laboratory), 2006, *Oak Ridge Reservation Physical Characteristics and Natural Resources*, ORNL/TM-2006/110, Oak Ridge, Tennessee, October.

ORNL (Oak Ridge National Laboratory), 2008, *NPDES Water Quality Protection Plan*, Volume II Monitoring and Investigations, October.

ORNL (Oak Ridge National Laboratory, 2009, Natural Areas Analysis and Evaluation: Oak Ridge Reservation, ORNL/TM-2009/201, Oak Ridge, Tennessee, November.

ORNL (Oak Ridge National Laboratory), 2015, *Forest Management Plan for the DOE Oak Ridge Reservation: An Interdisciplinary Approach for Managing a Heritage Resource*, ORNL/TM-2015/98, Oak Ridge, Tennessee, September.

ORNL (Oak Ridge National Laboratory), 2017, *Invasive Plant Management Plan for the Oak Ridge Reservation*, ORNL/TM-2004/98/R2 (available at https://nerp.ornl.gov/wp-content/uploads/2018/11/InvasivePlantMgmtPlan_2017.pdf), Oak Ridge, Tennessee, August.

ORNL (Oak Ridge National Laboratory), 2018a, Invasive Species (accessed on January 22, 2020 at https://nerp.ornl.gov/invasive-species/).

ORNL (Oak Ridge National Laboratory), 2018b, *Oak Ridge National Laboratory FY 2019 Site Sustainability Plan with FY 2018 Performance Data*, Sustainability Performance Office, December.

ORNL (Oak Ridge National Laboratory), 2019, Workforce Demographics (available at www.ornl.gov/diversity/workforce-demographics).

ORNL (Oak Ridge National Laboratory), 2020a, Oak Ridge National Environmental Research Park (accessed on January 23, 2020 at https://nerp.ornl.gov/).

ORNL (Oak Ridge National Laboratory), 2020b, U.S. Department of Energy, Available Data (accessed on January 23, 2020 at https://nerp.ornl.gov/available-data/).

ORNL (Oak Ridge National Laboratory), 2020c, *Oak Ridge National Laboratory Response to Versatile Test Reactor Environmental Impact Statement Data Request*, ORNL/SPR-2020-1645, Oak Ridge, Tennessee.

ORNL (Oak Ridge National Laboratory), 2020d, Sensitive Resources Assessment and Forest Analysis for the Proposed Versatile Test Reactor, ORNL/TM-2020/1703, Oak Ridge, Tennessee, September.

ORNL (Oak Ridge National Laboratory), 2020e, *Wildlife Management Plan for the Oak Ridge Reservation*, ORNL/TM-2012/387/R1, Oak Ridge, Tennessee, July.

ORO (U.S. Department of Energy – Oak Ridge Operations Office), 2004, *Oak Ridge Reservation Annual Site Environmental Report for 2003*, DOE/ORO/2185, Oak Ridge, Tennessee, September.

ORO (U.S. Department of Energy – Oak Ridge Operations Office), 2015, *Oak Ridge Reservation Annual Site Environmental Report for 2014*, DOE/ORO/2502, Oak Ridge, Tennessee, September.

ORO (U.S. Department of Energy – Oak Ridge Operations Office), 2016, *Oak Ridge Reservation Annual Site Environmental Report for 2015*, DOE/ORO/2509, Oak Ridge, Tennessee, September.

ORO (U.S. Department of Energy – Oak Ridge Operations Office), 2017a, *Department of Energy Air Emissions Annual Report - Oak Ridge Reservation, Oak Ridge, Tennessee - 40 Code of Federal Regulations (CFR) 61, Subpart H - Calendar Year 2016*, June 30.

ORO (U.S. Department of Energy – Oak Ridge Operations Office), 2017b, *Oak Ridge Reservation Annual Site Environmental Report for 2016*, DOE/ORO/251, Oak Ridge, Tennessee, September.

ORO (U.S. Department of Energy – Oak Ridge Operations Office), 2018, *Oak Ridge Reservation Annual Site Environmental Report 2017*, DOE/ORO-2511, Oak Ridge, Tennessee, September.

ORO (U.S. Department of Energy – Oak Ridge Operations Office), 2019, *Oak Ridge Reservation Annual Site Environmental Report 2018*, DOE/ORO-2512, Oak Ridge, Tennessee, September.

Papacostas, C. S., and P. D. Prevedouros, 2001, Transportation Engineering and Planning, 3rd ed., pp. 148-149, Upper Saddle River, New Jersey: Pearson Education.

Pasamehmetoglu, K., 2019, Versatile Test Reactor Executive Director, Idaho National Laboratory, Versatile Test Reactor Overview Presentation, Advanced Reactors Summit VI, San Diego, California, January 29-31.

Payne, S., 2006, *Modeling of the Sedimentary Interbedded Basalt Stratigraphy for the Idaho National Laboratory Probabilistic Seismic Hazard Analysis*, INL/EXT-05-01047, Idaho National Laboratory, Idaho Falls, Idaho, April.

Payne, S. J. and B. M. Bockholt, 2017, "Seismicity In and Around the Eastern Snake River Plain, Idaho," Pacific Northwest National Association of Geoscience Teachers (NAGT) Symposium, abstract, June 22-24.

Peterson, S., 2018, *WebTRAGIS: Transportation Routing Analysis Geographic Information System User's Manual*, ORNL/TM-2018/856, Oak Ridge National Laboratory, Oak Ridge, Tennessee, May.

PNNL (Pacific Northwest National Laboratory), 2018, *Data Qualification Report: 2016-2018 Socioeconomic Data for Use in DSP SEIS Analyses*, SPD-DQR-001, Rev 0, Richland, Washington, December. OUO

Rhodes, O. E., Jr., 2018, Director SREL, Presentation to the Savannah River Site Citizens Advisory Board, "The SRS as a National Environmental Research Park - What Does It Mean?," November 27.

Richmond County Sheriff's Office, 2020, Staffing numbers (accessed August 2020 at www.richmondcountysheriffsoffice.com/the-sheriffs-office.cfm).

Rodgers, D. W., H. T. Ore, R. T. Bobo, N. McQuarrie, and N. Zentner, 2002, "Extension and Subsidence of the Eastern Snake River Plain, Idaho," *Tectonic and Magmatic Evolution of the Snake River Plain Volcanic Province*, Idaho Geological Survey Bulletin 30, pp. 121–155.

Rogers, V. A., 1990, U.S. Department of Agriculture, Soil Conservation Service, *Soil Survey of Savannah River Plant Area, Parts of Aiken, Barnwell, and Allendale Counties, South Carolina*, June.

Rood, A. S. and A. J. Sondrup, 2014, *Development and Demonstration of a Methodology to Quantitatively Assess the INL Site Ambient Air Monitoring Network*, INL/EXT-14-33194, December.

Saricks, C. L., and M. M. Tompkins, 1999, *State-Level Accident Rates of Surface Freight Transportation: A Reexamination,* ANL/ESD/TM-150, Argonne National Laboratory, Energy Systems Division, Center for Transportation Research, Argonne, Illinois, April.

SCARC (South Carolina Association of Regional Councils), 2019, About Us (accessed on January 15, 2020, https://www.lscog.org/about-us).

SCDHEC (South Carolina Department of Health and Environmental Control), 2003, *National Pollutant Discharge Elimination System Permit for Discharge to Surface Waters*, Permit Number SC0000175, Industrial, Agricultural, and Storm Water Permitting Division, Bureau of Water, December 1.

SCDHEC (South Carolina Department of Health and Environmental Control), 2005, *South Carolina – Savannah River Basin Facilities Water Use Report 2004*, TR-010-05, Bureau of Water, Columbia, South Carolina, August.

SCDHEC (South Carolina Department of Health and Environmental Control), 2011, *South Carolina Water Use Report, 2010 Annual Summary*, 6J30-11, Bureau of Water, Columbia, South Carolina, July.

SCDHEC (South Carolina Department of Health and Environmental Control), 2019, *South Carolina Water Use Report 2018 Summary*, Technical Document Number 0528-19 (accessed May 14, 2020 at https://www.dhec.sc.gov/sites/default/files/media/document/South%20Carolina%20Water%20Use%20Report%202018%20Summary%20%281%29.pdf).

SCDNR (South Carolina Department of Natural Resources), 2016, Crackerneck Wildlife Management Area and Ecological Reserve (accessed on January 14, 2020, https://www2.dnr.sc.gov/ManagedLands/ManagedLand/ManagedLand/69).

SCDNR (South Carolina Department of Natural Resources), 2019, Bald Eagle Nest Locations (accessed on January 13, 2020 at http://dnr.sc.gov/wildlife/baldeagle/locations.html).

SCDOT (South Carolina Department of Transportation), 2019, "GIS Mapping, Shape Files" (accessed January 14, 2020, at http://info2.scdot.org/sites/GIS/SitePages/GISFiles.aspx?MapType=Shape), Columbia, South Carolina.

Scripps (Scripps Institution of Oceanography), 2019, Scripps CO2 Program (available at http://scrippsco2.ucsd.edu/).

Sehlke, G., and P. Wichlacz, 2010, *Idaho National Laboratory Materials and Fuels Complex Natural Phenomena Hazards Flood Assessment*, IN/EXT-10-20572 (accessed July 10, 2020 at https://inldigitallibrary.inl.gov/sites/sti/sti/4731814.pdf), December 2010.

South Carolina Legislature, 2019, South Carolina Code of Regulations – Chapter 61 Department of Health and Environmental Control (available at https://www.scstatehouse.gov/coderegs/Chapter61.php).

Southern Nuclear, 2020, Plant Vogtle (available at www.southerncompany.com/our-companies/southern-nuclear/plant-vogtle.html), data on current workforce levels at Units 1 and 2.

South Carolina Revenue and Fiscal Affairs Office, 2020, Population Projections 2000-2035 – Revised November 2019 (accessed September 2020 at http://www.sccommunityprofiles.org/census/projections_2010.html).

Spaling, H., 1994, "Cumulative Effects Assessment: Concepts and Principles," *Impact Assessment* 12:3, 231-251, DOI:10.1080/07349165.1994.9725865.

SRARP (Savannah River Archaeological Research Program), 2016, *Archaeological Resource Management Plan of the Savannah River Archaeological Research Program*, Savannah River Archaeological Research Program, University of South Carolina, December.

SRARP (Savannah River Archaeological Research Program), 2017, *Annual Review of Cultural Resource Investigations by the Savannah River Archaeological Research Program*, Fiscal Year 2017, Savannah River Archaeological Research Program, University of South Carolina, October.

SREL (Savannah River Ecology Laboratory), 2018a, The Smooth Purple Coneflower on the SRS Factsheet, University of Georgia.

SREL (Savannah River Ecology Laboratory), 2018b, Wood Stork Research Factsheet, University of Georgia.

SREL (Savannah River Ecology Laboratory), 2018c, Carolina Bays Fact Sheet, University of Georgia.

SREL (Savannah River Ecology Laboratory), 2019, DOE Research Set-Aside Program (accessed on January 14, 2020, https://archive-srel.uga.edu/set-asides/set-asides.html).

SRNL (Savannah River National Laboratory), 2020, *Conceptual Assessment of VTR Add-on Processing Capability*, SRNL-TR-2020-00171, Rev. 2, Aiken, South Carolina, July 22.

SRNS (Savannah River Nuclear Solutions, LLC), 2009, *Savannah River Site Environmental Report for 2008*, SRNS-STI-2009-00190, Aiken, South Carolina.

SRNS (Savannah River Nuclear Solutions, LLC), 2010, *Savannah River Site Comprehensive Plan/Ten Year Plan, FY 2011-2020*, SRNS-RP-2010-00251, Aiken, South Carolina, May. OUO.

SRNS (Savannah River Nuclear Solutions, LLC), 2011, *Savannah River Site Environmental Report for 2010*, SRNS-STI-2011-00059, Aiken, South Carolina.

SRNS (Savannah River Nuclear Solutions, LLC), 2012a, *SRS Infrastructure Power Quantity Cost Distribution Report D7257000*, FY 2010.

SRNS (Savannah River Nuclear Solutions, LLC), 2012b, *Surplus Plutonium Disposition Supplemental Environmental Impact Statement* Data Call Response, Aiken, South Carolina.

SRNS (Savannah River Nuclear Solutions, LLC), 2014, *Savannah River Site Land Use Plan*, SRNS-RP-2014-00537, Aiken, South Carolina, November.

SRNS (Savannah River Nuclear Solutions, LLC), 2015a, *Savannah River Site Ten Year Site Plan FY 2016 – 2025*, SRNS-RP-2015-00001, Aiken, South Carolina, June.

SRNS (Savannah River Nuclear Solutions, LLC), 2015b, *Savannah River Site Environmental Report 2014*, SRNS-RP-2015-00008, Aiken, South Carolina.

SRNS (Savannah River Nuclear Solutions, LLC), 2016, *Savannah River Site Environmental Report 2015*, SRNS-RP-2016-00089, Aiken, South Carolina.

SRNS (Savannah River Nuclear Solutions, LLC), 2017, *Savannah River Site Environmental Report 2016*, SRNS-RP-2017-00174, Aiken, South Carolina.

SRNS (Savannah River Nuclear Solutions, LLC), 2018a, *Savannah River Site Environmental Report 2017,* SRNS-RP=2018-00470, Aiken, South Carolina.

SRNS (Savannah River Nuclear Solutions, LLC), 2018b, 2017 Savannah River Site Total Air Pollutant Emissions by Source [Data], Aiken, South Carolina.

SRNS (Savannah River Nuclear Solutions, LLC), 2019a, *Savannah River Site Environmental Report 2018*, SRNS-RP-2019-00022, Aiken, South Carolina.

SRNS (Savannah River Nuclear Solutions, LLC), 2019b, *Savannah River Site – Radionuclide Air Emissions Report – 2018*, pages 5, 6, 8, A1, and Appendix B, Report number SRNS-IM-2019-00001.

SRNS (Savannah River Nuclear Solutions), 2019c, *Infrastructure Alignment Study*, SRNS-RP-2019-00123, July.

SRNS (Savannah River Nuclear Solutions), 2020, *Savannah River Site Data Call Response for the Versatile Test Reactor Fuel Fabrication Facility*, SRNS-RP-2020-00286, Rev. 2, Aiken, South Carolina, July 22.

SRS (Savannah River Site), 2005, Savannah River Site End State Vision, Office of Environmental Management, Aiken, South Carolina, July 26.

TDEC (Tennessee Department of Environment and Conservation), 1995, Oak Ridge Reservation Compliance Order, September 26, 1995, Commissioner's Order requiring compliance with the Site Treatment Plan for Mixed Wastes, Tennessee Department of the Environment and Conservation.

TDEC (Tennessee Department of Environment and Conservation), 2006, Rules of Tennessee Department of Environment and Conservation Bureau of Environment - Division of Air Pollution Control – Chapter 1200-3-3 - Ambient Air Quality Standards.

TDEC (Tennessee Department of Environment and Conservation), 2015, *Tennessee Rapid Assessment Method (TRAM) 2015*, Division of Water Resources Natural Resources Unit, Nashville, Tennessee.

TDEC (Tennessee Department of Environment and Conservation), 2019a, Final Permit, Oak Ridge National Laboratory, Oak Ridge, Tennessee, TNHW-178, Letter from D. Mokha, Division of Solid Waste Management, TSD Section, Hazardous Waste Program, to J. 0. Moore, ORNL Site Office, and J. Powell, Oak Ridge National Laboratory, August 15.

TDEC (Tennessee Department of Environment and Conservation), 2019b, Draft 2020 List of Impaired and Threatened Waters (accessed January 30, 2020 at https://www.tn.gov/content/dam/tn/environment/water/water-public-notices/ppo_water_2019-11-15-dwr-2020-list-impaired-waters-draft.xlsx), November 15.

TDEC (Tennessee Department of Environment and Conservation), 2019c, *Stream Mitigation Guidelines*. (accessed September 15, 2020 at https://www.tn.gov/content/dam/tn/environment/water/policy-and-guidance/dwr-nr-g-01-stream-mitigation-guidelines-052019.pdf.

TDEC (Tennessee Department of Environment and Conservation), 2020a, Permit Number TN0002941, Tennessee Division of Water Resources (accessed on January 17, 2020 at http://environment-online.state.tn.us:8080/pls/enf_reports/f?p=9034:34051:0::NO:34051:P34051_PERMIT_NUMBER:TN0002941).

TDEC (Tennessee Department of Environment and Conservation), 2020b, *Guidance for Making Hydrologic Determinations Version 1.5* (available at www.tn.gov/content/dam/tn/environment/water/policy-and-guidance/dwr-nr-g-03-hydrologic-determinations%E2%80%9304012020.pdf), Division of Water Pollution Control, Nashville, Tennessee.

TDOT (Tennessee Department of Transportation), 2019, Annual Average Daily Traffic (AADT), (available at www.arcgis.com/apps/webappviewer/index.html?id=075987cdae37474b88fa400d65681354, www.tn.gov/tdot/long-range-planning-home/longrange-annual-average-daily-traffic-aadt.html).

TEI (TEI Engineers & Planners), 2004, *Columbia County 2025 Long Range Transportation Plan Existing Conditions* (available at www.columbiacountyga.gov/Index.aspx?page=2978), June.

Tennessee Hospital Association, 2020, Tennessee Hospitals Inform (by county) (available at http://www.tnhospitalsinform.com/tn-hospitals.aspx).

Tennessee Secretary of State, 2019, Effective Rules and Regulations of the State of Tennessee (available at https://sos.tn.gov/effective-rules).

Tennessee State Data Center, 2020, 2018 to 2070 Projections, Released October 22, 2019 (accessed March 2020 at https://tnsdc.utk.edu/estimates-and-projections/boyd-center-population-projections/).

TOXCO (TOXCO Inc.), 2020, Materials Management Center (accessed February 10, 2020 at www.toxcommc.com/index.html).

Tuberville, T. D., K. A. Buhlmann, H. E. Balbach, S. H. Bennett, J. P. Nestor, J. W. Gibbons, and R. R. Sharitz, 2007, *Habitat Selection by the Gopher Tortoise (Gopherus polyphemus)*, ERDC/CERL TR-07-01, U.S. Army Corps of Engineers/Construction Engineering Research Laboratory, Champaign, Illinois, March.

TVA (Tennessee Valley Authority), 2019, *NRC Approves Clinch River Nuclear Site for Potential Small Modular Reactors* (accessed February 10, 2020 at www.tva.gov/Newsroom/News-Features/NRC-Approves-Clinch-River-Nuclear-Site-for-Potential-Small-Modular-Reactors), December 17.

TVA (Tennessee Valley Authority), 2020a, *Bull Run Fossil Plant* (accessed February 10, 2020 at www.tva.gov/Energy/Our-Power-System/Coal/Bull-Run-Fossil-Plant/).

TVA (Tennessee Valley Authority), 2020b, *Bull Run Fossil Plant Emissions* (accessed February 10, 2020 at www.tva.gov/Environment/Environmental-Stewardship/Air-Quality/Bull-Run-Fossil-Plant-Emissions).

TVA (Tennessee Valley Authority), 2020c, *Kingston Fossil Plant* (accessed February 10, 2020 at https://www.tva.gov/Energy/Our-Power-System/Coal/Kingston-Fossil-Plant).

TVA (Tennessee Valley Authority), 2020d, *Kingston Fossil Plant Emissions* (accessed February 10, 2020 at www.tva.gov/Environment/Environmental-Stewardship/Air-Quality/Kingston-Fossil-Plant-Emissions).

TVA (Tennessee Valley Authority), 2020e, Melton Hill (accessed January 30, 2020 at https://www.tva.gov/Energy/Our-Power-System/Hydroelectric/Melton-Hill-Reservoir).

TWRA (Tennessee Wildlife Resources Agency), 2016, Proclamation 1660-01-32, Endangered and Threatened Species (accessed on January 23, 2020 at https://www.tn.gov/content/dam/tn/twra/documents/1660-01-32%20threatened-endangered-species-rule.pdf).

TWRF (Tennessee Wildlife Resources Foundation), 2018, Tennessee Hemlock Conservation Partnership (accessed on February 26, 2020 at https://www.twrf.net/tennessee-hemlock-conservation-partnership).

UAMPS (Utah Associated Municipal Power Systems), 2019, *Small Modular Reactors for Baseload Supply* (accessed November 11, 2019 at https://www.uamps.com/nu-scale-modular-reactor), Salt Lake City, Utah.

USA and Russia (United States of America and Russian Federation), 2000, Agreement Between the Government of the United States and the Government of the Russian Federation Concerning the Management and Disposition of Plutonium Designated as No Longer Required for Defense Purposes and Related Cooperation, September 1.

USACE (U.S. Army Corps of Engineers), 1987, *Wetlands Delineation Manual*, Technical Report Y-87-1, Vicksburg, Mississippi, January.

USDA (U.S. Department of Agriculture), 2019a, 2019 Census of Agriculture, Idaho County Profiles (Bingham, Bonneville, Butte, Clark, and Jefferson), National Agricultural Statistics Service (accessed on January 15, 2020 at www.nass.usda.gov/Publications/AgCensus/2017/Full_Report/Volume_1,_Chapter_2_County_Level/Idaho/), April.

USDA (U.S. Department of Agriculture), 2019b, 2017 Census of Agriculture, South Carolina County Profiles (Aiken, Allendale, and Barnwell), National Agricultural Statistics Service (accessed on January 15, 2020, https://www.nass.usda.gov/Publications/AgCensus/2017/Online_Resources/County_Profiles/South_Carolina/index.php), April.

USDA (U.S. Department of Agriculture), 2019c, Savannah River (accessed on January 8, 2020 at https://www.fs.usda.gov/savannahriver).

USDA (U.S. Department of Agriculture), 2020, Natural Resources Conservation Service. Idaho State-listed Noxious Weeds. Introduced, Invasive, and Noxious Plants. Accessed June 2020: https://plants.usda.gov/java/noxious?rptType=State&statefips=16

USFS (US. Forest Service), 2020, First Order Fire Effects Model (FOFEM), Rocky Mountain Research Station (available at www.fs.usda.gov/rmrs/tools/first-order-fire-effects-model-fofem).

USFWS (U.S. Fish and Wildlife Service), 2008, *Birds of Conservation Concern 2008*, Division of Migratory Bird Management, Arlington, Virginia, December.

USFWS (U.S. Fish and Wildlife Service), 2019a, Information for Planning and Consultation (IPaC) Resource List (accessed August 8, 2019 and January 13, 2020 at file:///C:/Users/bresnans/Desktop/VTR_DOE%20EIS/Referrences/prelim%20IPaC_%20Explore%20Location.pdf.

USFWS (U.S. Fish and Wildlife Service), 2019b, National Wetlands Inventory, Wetlands Mapper, Data last modified May 5, 2019 (accessed September 12, 2019 at https://www.fws.gov/wetlands/data/Mapper.html).

USFWS (U.S. Fish and Wildlife Service), 2019c, National Wetlands Inventory, Wetlands Mapper (accessed on January 27, 2020 at www.fws.gov/wetlands/data/Mapper.html).

USFWS (United States Fish and Wildlife Service), 2020a, *Official Species List - Anderson & Roane, TN,* Tennessee Fish and Wildlife Office, Consultation Code: 01EIFW00-2020-SLI-0446, January 23.

USFWS (U.S. Fish and Wildlife Service), 2020b, Information for Planning and Consultation (IPaC) Resource List (accessed August 8, 2019 and January 13, 2020 at https://ecos.fws.gov/ipac/).

USGCRP (U.S. Global Change Research Program), 2017, *Climate Science Special Report: Fourth National Climate Assessment*, Vol. I (accessed at https://science2017.globalchange.gov/), page 217, Washington, DC.

USGCRP (U.S. Global Change Research Program), 2018, *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment*, Vol. II (accessed at https://nca2018.globalchange.gov/), Washington, DC.

USGS (U.S. Geological Survey), 2014a, *Earthquake Hazards Program, Lower 48 Maps and Data, Two-Percent Probability of Exceedance in 50 Years Map of Peak Ground Acceleration* (accessed September 13, 2019 at https://earthquake.usgs.gov/hazards/hazmaps/conterminous/index.php#2014).

USGS (U.S. Geological Survey), 2014b, haz/USpga250_2014 (MapServer), map overlay for Google Earth of peak ground acceleration with a two-percent probability of exceedance in 50 years (accessed September 13, 2019 at http://earthquake.usgs.gov/arcgis/rest/services/haz/USpga250_2014/MapServer).

USGS (U.S. Geological Survey), 2017, U.S Geological Survey Geohydrologic Studies and Monitoring at the Idaho National Laboratory, Southeastern Idaho, Fact Sheet 2017-3070, September.

USGS (U.S. Geological Survey), 2019a, Earthquake Search Results, 100-mile-diameter search centered on the SRS K-Area (Latitude 33.211779; Longitude -81.664528) (accessed on October 24, 2019 at http://earthquake.usgs.gov/earthquakes/search/).

USGS (U.S. Geological Survey), 2019b, Earthquake Search Results, 100-mile-diameter search centered on the ORNL-MVS (Latitude 35.9246; Longitude -84.290985) (accessed on October 2, 2019 at http://earthquake.usgs.gov/earthquakes/search/ ().

USGS (U.S. Geological Survey), 2019c, Earthquake Search Results, 100-mile-diameter search centered on the INL–MFC (Latitude 43.594433; Longitude -112.656458) (accessed October 2, 2019 at http://earthquake.usgs.gov/earthquakes/search/).

USGS (U.S. Geological Survey), 2020, Sparta Earthquake, Earthquake Hazards Program, August 9.

Veolia, 2019, *Proposed Versatile Test Reactor Project Site Ecological Field Surveys*, VSF-ID-BEA-VTR-034, Idaho Falls, Idaho, October 30.

VNSFS, 2020, *Ecological Field Surveys: Vegetation and Wildlife*, Supplemental Report, Proposed Versatile Test Reactor Project Site, Idaho Falls, Idaho, May.

Watts Bar, 2019, Watts Bar, Units 1 and 2, 2018 Annual Radioactive Effluent Release Report ML19120A07530, April.

Wayment, J., N. Stokes, J. Gundersen, J. Norman, I. Archibald, and K. Barnes, 2019, *INL Power Transmission System Capacity Study*, Idaho National Laboratory, prepared for the U.S. Department of Energy Office of Nuclear Energy, Rev. 0, August.

Weaver, K., 2019, VTR Experiment Vehicles presentation, Predecisional Draft, VTR EIS Kick-Off Meeting, May 13-15, Idaho Falls, Idaho.

Weiner, R. F., D. Hinojosa, T. J. Heames, C. O. Farmum, and E. A. Kalinina, 2013, RADTRAN 6/RadCat 6 User Guide, SAND2013-8095, Sandia National Laboratories, Albuquerque, New Mexico, September.

Weiner, R. F., K. S. Neuhauser, T. J. Heames, B. M. O'Donnell, and M. L. Dennis, 2014, RADTRAN 6 Technical Manual, SAND2014-0780, Sandia National Laboratories, Albuquerque, New Mexico, January.

WSRC (Washington Savannah River Company), 2000, *Flood Hazard Recurrence Frequencies for A-, K-, and L-Areas, and Revised Frequencies for C-, F-, E-, S-, H-, Y-, and Z-Areas*, WSRC-TR-2000-00206, Aiken, South Carolina.

WSRC (Washington Savannah River Company), 2006a, *Savannah River Site Environmental Report for 2005*, WSRC-TR-2006-00007, Aiken, South Carolina.

WSRC (Washington Savannah River Company), 2006b, *SRS Ecology Environmental Information Document*, WSRC-TR-2005-00201, Aiken, South Carolina, July.

WSRC (Washington Savannah River Company), 2007, *Savannah River Site Environmental Report for 2006*, WSRC-TR-2007-00008, Aiken, South Carolina.

WSRC (Washington Savannah River Company LLC), 2008, *Savannah River Site Environmental Report for 2007*, WSRC-STI-2008-00057, Aiken, South Carolina.

Yuan, Y. C., S. Y. Chen, B. M. Biwer, and D. J. LePoire, 1995, *RISKIND—A Computer Program for Calculating Radiological Consequences and Health Risks from Transportation of Spent Nuclear Fuel*, ANL/EAD-1, Argonne National Laboratory, Argonne, Illinois, November.